Samsung GALAXY Tab 10.1

ANDROID TABLET

User Manual

Please read this manual before operating your device and keep it for future reference.

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Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 137.

Also included is important safety information, beginning on page 113, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Securing Your Device"* on page 7.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

- ➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

  From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks** ➔ **Wi-Fi settings**.

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Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the device for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

Warning!: Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The Battery icon in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see *"About Tablet"* on page 111.

Tip: Touch the Time field to display battery charge status.

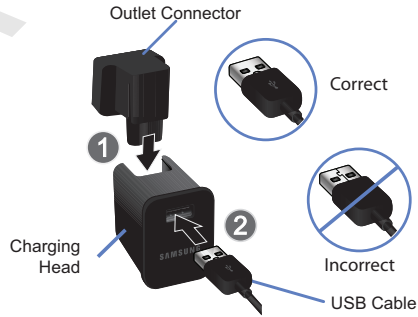
Charging the Battery

Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

1. Carefully slide the Outlet Connector into the Charging Head (1), making sure the connection is secure.



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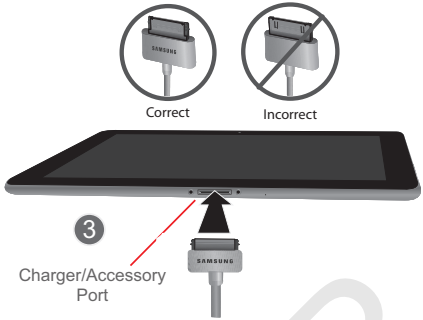
2. Insert the USB cable into the Charging Head (2).
3. Insert the USB cable into the device's Charger/Accessory Port (3).



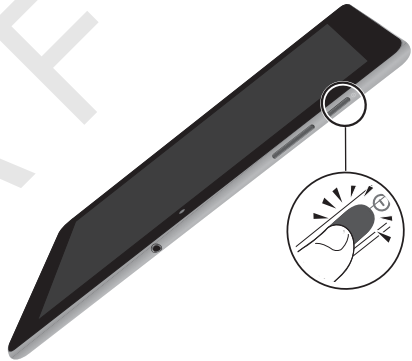
4. Plug the Charging Head into a standard AC power outlet.
5. When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the device.

Turning Your Device On and Off

Turning Your Device On

▶ Press and hold the **Power/Lock Key** .

For more information, refer to *"Unlocking the Device"* on page 8.



Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary. For more information, refer to *"GPS Applications"* on page 83.

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Turning Your Device Off

1. Press and hold the **Power/Lock Key** .
2. At the prompt, touch **Power off**.

Your Google Account

Your new device uses your Google account to fully utilize its Android features, including Gmail, Maps, Navigation, Google Talk and the Android Market. When you turn on your device for the first time, set up a connection with your existing Google account or create a new Google account.

To create a Google account or set up your Google account on your device use **Accounts & sync** settings. For more information, refer to *"Accounts and Sync"* on page 105.

Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. For more information, refer to *"Wi-Fi Settings"* on page 94.

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. For more information, refer to *"Location and Security"* on page 100.

Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to http://www.samsung.com/us/mobile/galaxy-tab-accessories.

   Galaxy Tab accessories display.

2. Use your model number to find compatible accessories.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Configure Lock Screen"* on page 101.

For other settings related to securing your device, see *"Location and Security"* on page 100.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

Locking the device manually

- Press the **Power/Lock Key** .

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Unlocking the Device

1. Press the **Power/Lock Key** .
2. Touch and drag the **Unlock** icon to the edge of the circle that appears, as shown.

   The last screen you accessed displays.

Note: You can choose the type of Screen Unlock you want to use, from Pattern, PIN or Password. For more information, refer to *"Location and Security"* on page 100.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

Android System Recovery

Android System Recovery is used for Google updates. The average user should never need to perform a system recovery.

Note: If you entered this menu by mistake, use the Volume Up/Down key to select **reboot system now**, then touch **Home**. Your device then continues to boot up.

To enter the Android System Recovery mode, follow these steps:

1. With the device turned off, press the **Power/Lock Key** and **Volume Up Key** at the same time until the device switches on.
2. Once the Galaxy Tab logo appears, release the **Power/Lock Key** while continuing to press the **Volume Up Key**.
3. Continue to press the **Volume Up Key** for at least 8 seconds, until Recovery mode is launched and the Android System Recovery screen is displayed.
4. Release the Volume Up key.

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5. The following options are available:
   - **reboot system now**: turns on your device.
   - **apply sdcard:update.zip**: allows you to apply updates to your device.
   - **wipe data/factory reset**: deletes all data from the device except captured pictures and videos. For more information, refer to *"Factory Data Reset"* on page 107.
   - **wipe cache partition**: allows you to delete all cache data such as log files.
6. Use the Volume Up/Down key to scroll up or down, then use **Home** to make a selection.

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Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

Features

- 10.1-inch WXGA TFT (PLS) LCD touch screen
- Android OS (Honeycomb 3.0), Android Market, plus pre-loaded applications
- Ready access to the Internet
- Bluetooth® 2.1 Wireless technology. For more information, refer to *"Bluetooth Settings"* on page 96.
- Built-in Wi-Fi technology (802.11 a/b/g/n)
- 3 Megapixel Camera/Camcorder with Flash, plus 2 Megapixel forward-facing Camera
- Messaging Features:
  - Gmail
  - Email (corporate and personal)
  - Google Talk
- Photo Gallery that supports JPEG, PNG, GIF, WBMP, BMP, and AGIF formats
- HD Video Player (720p)
  - Codec: MPEG4, H.264, H.263, H263Sorenson, VC-1
  - Format: 3GP (MP4), WMV (ASF), AVI, MKV, FLV
- Music Player that supports WAV, MP3, AAC, AAC+, eAAC+, AMR-NB, AMR-WB, WMA, MID, AC3, OGG, IMY, and ACC (Mono) formats
- 8Gb RAM memory and 16GB on-board memory, which is used for data storage and access

Note: This device does not support external memory cards.

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Front and Side Views

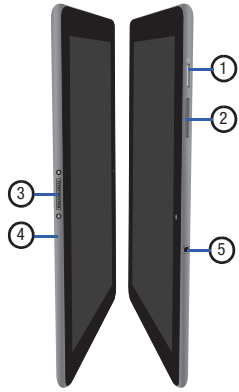
The following items can be found on the front and sides of your device as illustrated.

1. **External Speakers**: Used in music or video playback, notification tones, and for other sounds.
2. **Front-facing Camera Lens**: Used when taking photos.
3. **Display Screen**: The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to *"Auto-Rotate Screen"* on page 100.

Top and Bottom Views

The following items can be found on the top and bottom of your device.

1. **Power/Lock Key**: Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
2. **Volume Key**: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
3. **Charger/Accessory Port**: Plug in a USB cable for charging or to sync music and files.
4. **Microphone**: Used to pick up your voice or audio during recording.
5. **3.5mm Headset Jack**: Plug in for headphones.



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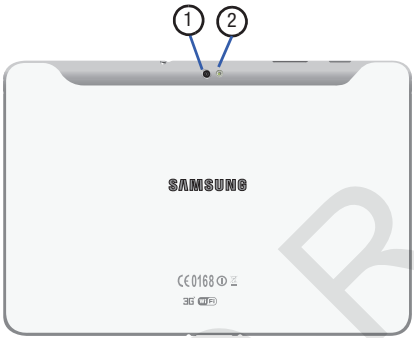
Back View

The following items can be found on the back of your device.

1. **Camera Lens**: Used when taking photos or recording videos.
2. **Camera Flash**: Used when taking photos.



Home Screen

The Home screen is the starting point for using your device.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

1. **Search** and **Voice Search**: Search your tablet and the web by typing or speaking. For more information, refer to *"Google Search"* on page 59.
2. **Shortcuts**: Shortcuts to common applications.These shortcuts are found on the Home screen by default. For more information, refer to *"App Shortcuts"* on page 21.
3. **Home screen**: The starting point for using your device. Place shortcuts, widgets and other items to customize your device to your needs.
4. **Widgets**: Applications that run on the Home screen. These widgets are found on the Home screen by default. For more information, refer to *"Widgets"* on page 19.
5. **Apps**: Display the Apps screen.

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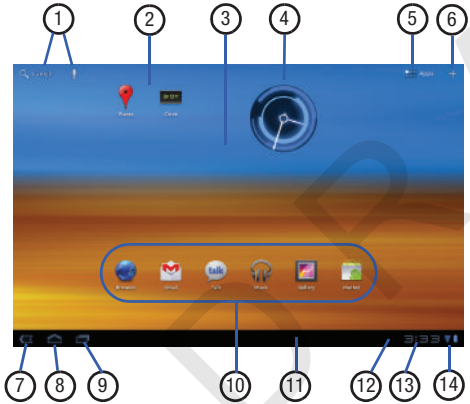
6. **Customize** or **Menu**: Display options for the current screen. From the Home screen, you can add Widgets and App shortcuts, and change the Home screen wallpaper by touching **Customize**. From application screens, touch **Menu** to display options for the current screen. For more information, see *"Widgets"* on page 19, *"App Shortcuts"* on page 21, and *"Wallpapers"* on page 22.



Tip: The area across the top of the screen is called the Application Bar.

7. **Back**: Return to the previous screen or option.
8. **Home**: Display the central Home screen.
9. **Recent Apps**: Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.
10. **Primary Shortcuts**: Shortcuts to common features. For more information, refer to *"Primary Shortcuts"* on page 18.
11. **System Bar**: The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.
12. **Notification Icons**: Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. For a list of icons, see *"Status Bar"* on page 17.
13. **Time**: The current time. For more information, refer to *"Date and Time"* on page 111.

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14. **Status Icons**: Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. For more information, refer to *"Status Bar"* on page 17.

Note: Network status icons turn blue if you have a Google Account added to your tablet and the tablet is connected to Google services for syncing your Gmail, Calendar events, contacts, backing up your settings, and so on. If you do not have a Google Account or if, for example, you are connected to a Wi-Fi network that is not connected to the Internet, the network icons are gray.

Extended Home Screen

The Home screen consists of the Home panel, plus four panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger horizontally across the screen to scroll to the left or right side panels.

Note: The center panel displays when you touch **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences just navigate to the desired Home screen, then:

1. Touch **Customize**.

   – or –

   Touch and hold on the screen

   The ***Add to Home screen*** options screen displays.

2. Touch one of the options:
   - **Widgets**: For more information, refer to *"Widgets"* on page 19.
   - **App shortcuts**: For more information, refer to *"App Shortcuts"* on page 21.
   - **Wallpapers**: For more information, refer to *"Wallpapers"* on page 22.
   - **More**: For more information, refer to *"More"* on page 23.

Screen Settings

You can customize display screen settings to your preferences. For more information, refer to *"Screen Settings"* on page 99.

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Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Back

Touch **Back** to return to the previous screen, option, or step.

Note: When the on-screen keyboard is active, **Close Keyboard** displays.

Home

Touch **Home** to display the first center Home screen.

Recent Apps

Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Other Buttons

Search

Touch **Search** to search the web and your device.

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- Touch an option in the list.

Finger Gestures

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate on-screen items. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen
- Scrolling the Home screens or a menu

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out. For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a web page to zoom in or out.

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Notifications

Notification icons appear in the System Bar, to the left of the Time when you receive a notification. Notifications indicate the arrival of Gmail, Email, alarms, calendar events, and so on.

Touch a Notification icon for more detail. For example, touch a Gmail Notification icon to see who sent the message.

Touch the Time field to open the Notifications list to view all of your current notifications. Touch a Notification in the list to display the item. For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Gmail and Google Talk, have their own settings, which you can use to configure whether and how they send notifications, whether they sound a ringtone, and so on. See the documentation for those apps for details.

Status Details

To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Touch the Time in the Status Bar.

   The Status Details displays. If you have any current notifications, their summaries are listed below the Status Details. Touch a notification summary to respond to it.

2. Close the Status Details by touching any other part of the screen.

Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, open the Quick Settings.

1. Touch the Time in the System bar.
2. Touch anywhere in the Status Details.

   The Quick Settings open below the Status Details, replacing the list of current notifications.

   The Quick Settings are:

   - **Flight mode**: Drag the switch to **On** to turn off all the tablet's radios that transmit data, including mobile data and Wi-Fi. For more information, refer to *"Flight Mode"* on page 94.
   - **Wi-Fi**: Touch to open the Wi-Fi settings. For more information, refer to *"Wi-Fi Settings"* on page 94.
   - **Lock screen orientation**: Drag the switch to **On** to lock the screen in landscape orientation, so it does not rotate when you turn the tablet. For more information, refer to *"Auto-Rotate Screen"* on page 100.

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- **(Brightness)**: Touch and drag the slider to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to *"Brightness"* on page 99.
- **Notifications**: Drag the slider to **Off** to disable system and application notifications. For more information, refer to *"Notifications"* on page 16.
- **Settings**: Touch to open the Settings application. For more information, refer to *"Settings"* on page 94.

3. Close the Status Details by touching any other part of the screen.

Status Bar

The Status Bar displays icons to show network status, battery power, and other details.

Battery Level: Shown fully charged.

Charging Indicator: Battery is charging.

Device Power Critical: Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.

USB Charging Indicator: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

USB Connected: Device is connected to a computer using a USB cable.

USB Debugging: Device is connected to a computer in debugging mode. For more information, refer to *"USB Debugging"* on page 104.

Updates Available: Updates to the applications you have downloaded are available.

Download in progress: An application is being downloaded to the device.

Download Successful: A recent application download or update completed successfully.

Flight Mode: Indicates that the Flight Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.

New Email Message: You have new email. Touch the icon for additional information.

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New Gmail Message: You have new Gmail. Touch the icon for additional information.

Google Talk Invitation: Someone has invited you to chat using Google Talk.

Configure input methods: When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.

Bluetooth Active: Bluetooth is turned on. For more information, refer to *"Bluetooth"* on page 80.

Music Player: A song is playing. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to *"Music Player"* on page 62.

Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Wi-Fi Action Needed: Action needed to connect to Wireless Access Point (WAP).

Searching for GPS: Displays when your device is searching for a GPS signal.

Navigation Active: The Navigation App is active. For more information, refer to *"Navigation"* on page 58.

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display.

Browser: Access the Internet. Appears on the Home screen by default. For more information, refer to *"Browser"* on page 50.

Gmail: Send and receive emails with Gmail, Google's web-based email. For more information, refer to *"Gmail"* on page 39.

Talk: Chat with other Google Talk users. For more information, refer to *"Google Talk"* on page 46.

Music: Listen to music and other audio files that you copy from your computer. For more information, refer to *"Music Player"* on page 62.

Gallery: View and manage photos stored on your device. For more information, refer to *"Gallery"* on page 73.

Market: Browse, download, and install Android applications. A shortcut to Market appears on a Home screen by default. For more information, refer to *"Market"* on page 89.

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On the Home screen to the left of the center Home screen, a shortcut to YouTube appears. For more information, refer to *"YouTube"* on page 60.

The following Shortcuts appear on the Home screen to the right of the center Home screen.

Maps: Find locations and get directions with Google maps. A shortcut to Maps appears on a Home screen by default. For more information, refer to *"Maps"* on page 55.

Calendar: Record events and appointments to manage your schedule. A shortcut to Calendar appears on a Home screen by default. For more information, refer to *"Calendar"* on page 84.

Contacts: Save and manage contact information for your friends and colleagues. For more information, refer to *"Contacts"* on page 32.

Also on the Home screen to the right of the center Home screen, there are shortcuts to Games, Ringtones, Screensavers, and Videos. For more information, refer to *"Samsung Apps"* on page 92.

Widgets

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

Adding Widgets to a Home screen

1. Navigate to the Home screen on which you want the Widget to be placed.
2. Touch and hold on the screen.

   – or –

   Touch **Customize**.

   The **Add to Home screen** options screen displays.
3. Touch **Widgets**, then touch a widget to add it to the Home screen.
4. Touch **Back** to return to the Home screen.

Note: Swipe across the screen horizontally to view all Widgets.

Removing Widgets

- Touch and hold the Widget until **Remove** appears at the top right corner of the screen, then drag the Widget to the **Remove** icon to remove it.

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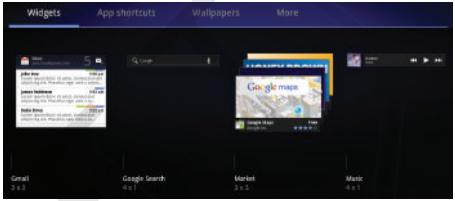
Widget Options

The following widgets are available:

- **Analog Clock**: Display an analog clock. Touch the widget to view alarms or add a new alarm. For more information, refer to *"Clock"* on page 86.
- **Bookmarks**: Display your bookmarked web sites. Sweep up or down to view all bookmarks and touch an entry to open the web site. For more information, refer to *"Using Bookmarks"* on page 52.
- **Calendar**: Display a calendar. For more information, refer to *"Calendar"* on page 84.
- **Contact**: Display a link to one of your contacts to quickly compose an Email or Gmail message. For more information, refer to *"Messaging"* on page 39.
- **Email**: Access an Email account. All in boxes are shown if you have more than one Email account set up. For more information, refer to *"Email"* on page 41.



- **Gmail**: Send and receive emails with Gmail, Google's web-based email. For more information, refer to *"Gmail"* on page 39.
- **Google Search**: Display a Google Search bar. For more information, refer to *"Google Search"* on page 59.
- **Market**: Download applications from the Android Market. For more information, refer to *"Market"* on page 89.
- **Music**: Play music and other audio files that you copy from your computer. For more information, refer to *"Music Player"* on page 62.

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- **Picture frame**: Lets you select a photo and display it on a Home screen.
- **Pulse (large)**: Lets you add a topical Pulse widget. Choices are: Pulse Hints, Salon, Engadget, Android Central, Core77, Dilbert, MTV News, or Facebook Links. Touch your choice and then touch **Save**. Pulse article titles and the first lines of an article are displayed. Touch the title block to display that article's first lines. Touch the introduction area to link to the article in Pulse. For more information, refer to *"Pulse"* on page 91.
- **Pulse (small)**: Lets you add a topical Pulse widget, like Pulse (large), but only the article titles are displayed. Touch a title block to link to the article in Pulse. For more information, refer to *"Pulse"* on page 91.
- **YouTube**: Search YouTube and watch videos. For more information, refer to *"YouTube"* on page 60.

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

Adding Shortcuts from a Home Screen

1. Navigate to the Home screen on which you want the App Shortcut to be placed.
2. Touch and hold on the screen.

   – or –

   Touch **Customize**.

   The **Add to Home screen** options screen displays.
3. Touch **App shortcuts**, then touch an application to add it to the Home screen.

   For a list of applications, see *"Apps Screen"* on page 24
4. Touch **Back** to return to the Home screen.

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Adding App Shortcuts from the Apps Screen

1. From a Home screen, touch **Apps**.
2. Touch and hold on an application icon until the Home screen selection area is displayed at the bottom of the screen.

3. Drag the application icon to the desired Home screen.

   The Home screen frame is highlightedenlarges.

4. Drag the application icon approximately where you want it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until **Remove** appears at the top right corner of the screen, then drag the App Shortcut to the **Remove** icon.

Wallpapers

You can choose a picture to display in the background of the Home screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

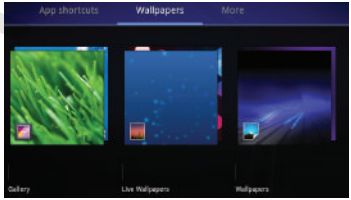
1. From a ***Home*** screen, touch and hold on the screen.

   – or –

   Touch **Customize**.

   The **Add to Home screen** options screen displays.

2. Touch **Wallpapers** to view the Wallpaper menu.



Choose a source for images:

- **Gallery**: Access the Gallery to choose a picture. Touch a picture to select it, then crop and resize the picture, if desired. Touch **Ok** to save the picture as wallpaper. Touch **X** to cancel.

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- **Live Wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Cancel** to return to the Wallpaper menu.
- **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to save it as wallpaper. Touch **Cancel** to return to the Wallpaper menu.

3. Touch **Back** to return to the Home screen.

More

The final **Add to Home screen** option, **More**, includes shortcuts to Browser bookmarks, to Directions and Navigation, and an assortment of other useful items.

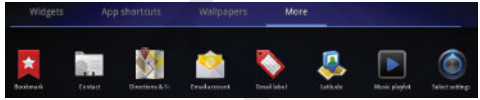
1. From a Home screen, touch and hold on the screen.

   – or –

   Touch **Customize**.

   The **Add to Home screen** options screen displays.

2. Touch **More** to view the additional widgets.



- **Bookmark**: Launch a bookmarked web page.
- **Contact**: View a contact you specify.
- **Directions & Navigation**: Get directions and navigation from Google Maps. For more information, refer to *"Maps"* on page 55.
- **Email account**: Access an Email account. Appears once an Email account is set up. If you have more than one Email account set up, touch the one to which you want to link. For more information, refer to *"Email"* on page 41.
- **Gmail label**: Access a Gmail label. Appears once a Gmail account is set up. Touch the label to which you want to link. For more information, refer to *"Gmail"* on page 39.
- **Latitude**: Locate your friends on a map and share or hide your location. For more information, refer to *"Latitude"* on page 57.
- **Music playlist**: Set up a link to a music playlist. For more information, refer to *"Creating a Playlist"* on page 66.
- **Settings**: Displays a list of Settings shortcuts. Touch an entry in the list. For more information, refer to *"Settings"* on page 94.

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Apps Screen

The **Apps screen** holds all applications on your wireless device. Applications that you download and install from the Android Market or from the web are also added to the **My apps** screen.

The Apps icons are arranged in alphabetic order.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to *"Adding App Shortcuts from the Apps Screen"* on page 22.

1. From a Home screen, touch **Apps**.
2. Touch the **My apps** tab to view apps you have downloaded.
3. Touch an icon on the **All** or **My apps** screen to launch the application.

   – or –

   Add an App Shortcut to a Home screen by dragging an App icon down to the thumbnails of your Home screens that appear when you drag an App. Pause on a Home screen thumbnail to place the shortcut. For more information, refer to *"Adding App Shortcuts from the Apps Screen"* on page 22.

Application Information

To view information about an App, such as the amount of storage it is using, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps**.
2. Touch and hold an App icon, then drag it to **Information** to open a screen with details about the App.
3. Touch **Back** to return to the Apps screen.

Applications

The following is an alphabetical list of the applications that come preloaded on your device.

Browser: Access the Internet. By default, a shortcut to Browser appears on the Home screen as a Primary Shortcut. For more information, refer to *"Browser"* on page 50.

Calculator: The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems. For more information, refer to *"Calculator"* on page 84.

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Calendar: Record events and appointments to manage your schedule. A shortcut to Calendar appears on a Home screen by default. For more information, refer to *"Calendar"* on page 84.

Camera: Take photos or record videos. For more information, refer to *"Camera"* on page 68.

Clock: Use Clock to display the date and time in large characters on your screen and to set alarms to sound once or on a repeating schedule. Schedule alarms to remind you of appointments or events, or to wake-up. For more information, refer to *"Clock"* on page 86.

Contacts: Save and manage contact information for your friends and colleagues. A shortcut to Contacts appears on a Home screen by default. For more information, refer to *"Contacts"* on page 32.

Downloads: Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded. For more information, refer to *"Downloads"* on page 88.

Email: Send and receive email from your device. For more information, refer to *"Email"* on page 41.

Gallery: View and manage photos stored on your device. A shortcut to Gallery appears on a Home screen by default. For more information, refer to *"Gallery"* on page 73.

Gmail: Send and receive emails with Gmail, Google's web-based email. A shortcut to Gmail appears on a Home screen by default. For more information, refer to *"Gmail"* on page 39.

Latitude: Use Google Latitude to locate your friends on a map and share or hide your location. For more information, refer to *"Latitude"* on page 57.

Maps: Find locations and get directions with Google maps. A shortcut to Maps appears on a Home screen by default. For more information, refer to *"Maps"* on page 55.

Market: Browse, download, and install Android applications. A shortcut to Market appears on a Home screen by default. For more information, refer to *"Market"* on page 89.

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Movie Studio: Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on. For more information, refer to *"Movie Studio"* on page 90.

Music: Play music and other audio files that you copy from your computer. A shortcut to Music appears on a Home screen by default. For more information, refer to *"Music Player"* on page 62.

Music Hub: The Music Hub lets you purchase and download songs and albums. For more information, refer to *"Music Hub"* on page 66.

Navigation: Use Google Maps Navigation to search for locations, with turn-by-turn directions. For more information, refer to *"Navigation"* on page 58.

Places: Use Google Maps to find places of interest, plus add your own favorite places. For more information, refer to *"Places"* on page 59.

Pulse: Pulse News gives you news visually in bite-sized pieces. For more information, refer to *"Pulse"* on page 91.

Quickoffice: The Quickoffice application allows you to create and save Microsoft Word, Excel, and Powerpoint documents. You can also view existing PDFs. For more information, refer to *"Quickoffice"* on page 91.

Samsung Apps: Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your device such as games, news, reference, social networking, navigation, and more. For more information, refer to *"Samsung Apps"* on page 92.

Search: Use the Google search engine to search the internet and your device. A shortcut to Google Search appears on a Home screen by default. For more information, refer to *"Google Search"* on page 59.

Settings: Configure your device to your preferences. For more information, refer to *"Settings"* on page 94.

Talk: Chat with other Google Talk users. A shortcut to Talk appears on a Home screen by default. For more information, refer to *"Google Talk"* on page 46.

Voice Search: Perform a Google search by speaking your search terms. For more information, refer to *"Voice Search"* on page 60.

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YouTube: View and upload YouTube videos, right from your device. For more information, refer to *"YouTube"* on page 60.

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Section 3: Entering Text

This section describes how to enter words, letters, punctuation and numbers when you need to enter text.

Virtual QWERTY Keyboard

Your device uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

Using the Samsung Keypad

The Samsung Keypad is a custom virtual QWERTY keyboard, featuring predictive text. Input characters by tapping the on-screen keys with your finger or use speech recognition.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.

Configuring the Keypad

To configure the Samsung Keypad to your preferences:

- While entering text, touch **Settings**.

  The Samsung keypad settings screen is displayed. For more information, refer to *"Samsung Keypad"* on page 109.

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Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key ⇧ to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode
- Touch and hold to switch to ABC mode

Entering Symbols and Numbers

To enter a number, touch 123, then touch the corresponding key.

To enter common symbols, touch 123 to switch to Symbols mode, then touch the corresponding key.

There are three pages of symbols. Touch 1/3 to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can touch an accented vowel or other alternate letter.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Touch and hold the :-) **Emoticons** key to open a small window with a set of Emoticons.

Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. Rotate your device counterclockwise to a Landscape orientation.
2. Touch **Settings** at the bottom of the keypad.
   The Samsung keypad settings screen displays.
3. Touch the **XT9** field so a green checkmark appears next to the field.
4. Touch the **XT9 advanced settings** field to modify XT9 associated settings. For more information, refer to *"Samsung Keypad"* on page 109.

Note: The XT9 option is available only when Abc mode has been selected.

5. Begin typing a word. A list of word options displays. Touch one of the words to replace the word that has already been typed or touch for more word choices.

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6. Continue typing your message. XT9 mode can also be used in the portrait orientation.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

- To edit text that you have entered:
  1. Touch the text at the point you want to edit.

     The **Cursor** displays at the point you touched.
  2. Touch and drag the **Cursor** to a better position, if necessary.
  3. Enter additional text or delete text by repeatedly touching the **Delete** key.
- To select and copy, delete, or replace text:
  1. Touch hold the text or word you want to select.

     The selected text is highlighted with a tab at each end of the selection.
  2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **X Done** to unselect the text.

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3. Depending on the action you want to take for the selected text, in the Application bar touch **Cut** to remove the selected text, **Copy** to save the selected text to the clipboard, or **Paste** to replace the selected text with text previously saved to the clipboard .

   – or –

   Enter text by typing or speaking to replace the selection with what you type.

   – or –

   Touch the **Delete** key to delete the selected text.

- To paste previously copied text where the **Cursor** is positioned:

1. Touch the text at the point you want to paste the copied text.

   The **Cursor** displays at the point you touched.

2. Touch and hold the **Cursor** and touch **Paste** in the pop-up.

- To close the keyboard:

▶ Touch **Close Keyboard**.

Using Speech Recognition

You can use your voice to enter text using the Voice input feature, which lets you enter text by speaking. Samsung Keypad recognizes your speech and enters text for you.

Note: To enable **Voice Input**, touch **Settings** ➔ **Voice input**. For more information, refer to *"Samsung Keypad"* on page 109.

1. Touch **Speech Recognition** on the Samsung Keypad.
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
3. **Working...** is displayed while the software is converting your voice to text.

   The text is displayed in the message.

4. Touch **Speech Recognition** again to speak and add more test.

Note: The feature works best when you break your message down into smaller segments.

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Section 4: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Corporate**: Add your Exchange account to sync Contacts, Calendar, and Email.
- **Email**: Add and Email account to sync Contacts. For more information, refer to *"Email"* on page 41.
- **Google**: Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to *"Gmail"* on page 39.
- **Samsung account**: Add your Samsung account.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts & sync** setting.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Add account**, then touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.
4. The device communicates with account servers to set up your account. When complete, your account appears in the **Manage accounts** area of the **Accounts & sync** screen.

Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

▶ From a Home screen, touch **Contacts**.

– or –

From a Home screen, touch **Apps** ➔ **Contacts**.

Creating Contacts

1. From a Home screen, touch **Contacts** ➔ **New**.
2. Touch contact fields to display the keyboard and enter information:
   - Touch the Photo ID to set up a photo to identify the contact.
     - Touch **Take photo** to display the Camera and take a photo of the contact.
     - Touch **Select photo from Gallery** choose a photo from the Gallery.

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Tip: Touch the screen and swipe up or down to display additional fields.

- Touch **First name**, then enter a first name for the contact. Touch ⊕ to enter a **Prefix**, **Middle name**, and **Suffix**.
- Touch **Last name**, then enter a last name for the contact.
- Touch **Organisation** fields to enter a company name or title.
- Touch **Phone** to enter a telephone number, then touch the Label tab to choose a label from **Home**, **Mobile**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, or **Custom** to create a custom label. To add another telephone number, touch ⊕.
- Touch **Email** to enter an email address, then touch the Label tab to choose a label from **Home**, **Work**, **Other**, or **Custom** to create a custom label. To add another email address, touch ⊕.
- Touch **Address** to enter an address, then touch the Label tab to choose a label from **Home**, **Work**, **Other**, or **Custom** to create a custom label. To add another address, touch ⊕.
- Touch **Notes** to enter additional information for the contact.
- Touch **Website** to enter a web site URL.
- Touch **Event** set a month, day, and year for an event, then touch the Label tab to choose a label from **Birthday**, **Anniversary**, **Other**, or **Custom** to create a custom label.
- Touch **Groups** to assign the contact to a group, then touch the Label tab to choose a group from **Friends**, **Family**, **Coworkers**, or **Create new group**. For more information about Groups, see *"Groups"* on page 36.

3. Touch ⊖ to remove an unused field.
4. Touch **Add another field** to add these additional fields: **IM**, **Nickname**, **Internet call**, and **Relationship**.
5. Touch **Back** to remove the keyboard.
6. When you finish entering information, touch **Done**.

Tip: Display a contact's record and touch the **Email** field to send an email, touch the **Address** field to display the address on a map, or touch the **Website** field to link to the web site.

Updating Contacts

Make changes to update an existing contact.

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contact list to view its information, then touch **Edit**.
3. Continue entering contact information. For more information, refer to *"Creating Contacts"* on page 32.
4. To delete a contact, touch **Menu** → **Delete contact**. At the prompt, touch **OK**.
5. To remove or update a contact icon, touch the icon, then touch **Remove photo**, **Take new photo**, or **Select new photo from Gallery**.

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Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. From a Home screen, touch **Contacts**.
2. Touch **All contacts**, above the Contacts List, to show the following display options:
   - **All contacts**: Show all your contacts.
   - **Starred**: Show only your favorite, or starred, contacts. For more information, refer to *"Favorites"* on page 38.
   - **Coworkers**: Show only contacts in your Coworker group.
   - **Family**: Show only contacts in your Family group.
   - **Friends**: Show only contacts in your Coworker group.
   - **Customize**: Define a customized group.

   For more information, refer to *"Creating a New Group"* on page 36.
3. Touch **Find contacts** and enter search criteria to find a contact.
4. Touch **Menu** to display these options:
   - **Settings**: Set the following Display options:
     - **List by**: List contacts by **First name** or **Last name**.
     - **Display contact by**: Set whether contact names should appear in the Contact List as **First name first** or **Last name first**.
   - **Accounts**: Displays **Accounts & sync** settings. Touch an account listed under Manage accounts to enable or disable the **Sync Contacts** option.
   - **Import/Export**: Use the USB cable to import your contacts from, or export your contacts to, a storage device, such as a PC. Also, share visible contacts by way of Bluetooth, Email, or Gmail. For more information, refer to *"Importing and Exporting Contacts"* on page 36.
   - **Share contact**: Share contacts by way of Bluetooth, Email, or Gmail.
   - **Delete contact**. Delete the highlighted contact's information.
5. Touch **Done** to save options.

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Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or joining, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Joining Contacts

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contact list to view its information, then touch **Edit**.
3. Touch **Menu ➔ Join,** then touch another contact to link.

   The joined contact's information is displayed with the original contact's information.

Separating Contacts

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contact list to view its information, then touch **Edit**.
3. Touch **Menu ➔ Separate,** then touch **OK** to unlink the previously joined contacts.

Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contact list to mark it for sending.
3. Touch **Menu ➔ Share contact**.

Tip: Set up a contact record for yourself to share your information with others.

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4. At the prompt, choose a sending method, then follow the prompts to send the contact information:
   - **Bluetooth**: For more information, refer to *"Bluetooth"* on page 80.
   - **Email**: For more information, refer to *"Email"* on page 41.
   - **Gmail**: For more information, refer to *"Composing and Sending Gmail"* on page 40.

Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contact list to a storage device, such as a PC, or import your contact list (previously exported) from a storage device.

1. Use the USB cable to connect your device to the storage device.
2. From a Home screen, touch **Contacts**.
3. Touch **Menu** → **Import/Export**.
4. Touch **Import from USB storage** or **Export to USB storage**, then follow the prompts to complete the operation.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly call or send messages to group members.

Creating a New Group

Create a new group when you add or edit a contact.

1. From a Home screen, touch **Contacts**.
2. Touch a contact in the Contact list to view its information, then touch **Edit**.
   – or –
   Touch **New**.
3. Touch the **Groups** field Label, then touch **Create new group**.
4. Use the keyboard to enter a new group name.
5. Touch **OK** to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the Label tab and touch each group.

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Renaming or Deleting a Group

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to *"Contacts Display Options"* on page 34.

To rename or delete a group that you created:

1. From a Home screen, touch **Contacts**.
2. Touch **All contacts**, then touch the new group that you want to delete or rename.
3. Touch **Menu** → **Rename group** to change the name of the group.

   Use the keyboard to enter a new group name and touch **OK**.
4. Touch **Menu** → **Delete group** to delete the group.

   The group is deleted from any contact information in which it appears. The contact's in the group are not deleted. The group name no longer appears as a Contact List display option.

Adding and Removing Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to *"Updating Contacts"* on page 33.

To remove contacts from a group:

1. From a Home screen, touch **Contacts**.
2. Touch **All contacts**, then touch the group from which you want to remove members.
3. Touch **Edit** for a contact you want to remove.
4. Touch the **Groups** field Label tab, then touch the group to remove the check mark.

   The group name is removed from the field and the contact is removed from the group.

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Favorites

Mark contact records with a blue star to identify them as favorites.

You can set your contacts display options to display only your favorites (Starred) for fast viewing or messaging.

Creating and Removing Favorites

1. From a Home screen, touch **Contacts**.
2. Touch a contact to display it, then touch the **Star** next to the contact name so that it is blue.
3. Touch the **Star** again so that it is gray, which removes the contact from the Favorites list.

Tip: You do not have to edit the contact to change the Favorites status.

Accessing and Editing Favorites

To manage your Favorites list:

1. From a Home screen, touch **Contacts**.
2. Touch **All contacts** ➔ **Starred**.
3. Touch a contact to display it, then touch the **Star** next to the contact's name so that it is gray to remove it from the Favorites list.
4. Touch **Starred** ➔ **All contacts**.
5. Touch a contact to display it, then touch the **Star** next to a contact's name so that it is blue to add it to the Favorites list.

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Section 5: Messaging

This section describes how to send and receive messages and other features associated with messaging.

Types of Messages

Your device supports these types of messages:

- **Gmail**: Send and receive Gmail from your Google account.
- **Email**: Send and receive email from your email accounts, including Corporate Exchange mail.
- **Google Talk**: Chat with other Google Talk users.

Note: Your Wi-Fi-only device does NOT support voice calling and messaging services. Please disregard any "dial" and "message" related menus because some Gmail options are identically set in all Android devices.

Gmail

Send and receive emails with Gmail, Google's web-based email.

Tip: To set up your Google account on your device use **Accounts & sync** settings. For more information, refer to *"Accounts and Sync"* on page 105.

▶ From a Home screen, touch **Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your device prompts you to set up your Google account.

Note: You can use more than one Google account on your device. To add another account, use **Menu** → **Settings** → **Add account** option.

1. From a Home screen, touch **Gmail**.
2. At the **Sign in with your Google Account** screen:
   - If you do not have a Google account, touch **Create account** and follow the prompts to create a new account.
   - If you do have a Google account, use the on-screen keypad to enter your Google **Email** name and **Password**, then touch **Sign in**.
3. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail appears in the Inbox.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. From a Home screen, touch **Gmail**.
2. Touch **Refresh** in the Application Bar.

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Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From a Home screen, touch **Gmail**.
2. Touch **Menu** for these options:
   - **Settings**: Configure settings. For more information, refer to *"Gmail Account Settings"* on page 40.
   - **Help**: Learn about using Gmail.
   - **Feedback?**: Fill out a Google feedback form.

Composing and Sending Gmail

1. From a Home screen, touch **Gmail**.
2. Touch **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.
6. While composing a message, the following options are displayed:
   - **Save Draft**: Save the message as a draft for sending later.
   - **Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.
   - **Attach**: Launch Gallery to select a photo to add to the message.
   - **Discard**: Close the message without saving.
7. Touch **Send** to send the email.

Gmail Account Settings

1. From a Home screen, touch **Gmail**.
2. Touch **Menu** ➔ **Settings** for settings:
   - **General preferences**:
     - **Confirm before deleting**: Have your device prompt you to confirm Delete actions.
     - **Confirm before archiving**: Have your device prompt you to confirm archiving actions.
     - **Confirm before sending**: Have your device prompt you to confirm Send actions.
     - **Auto-advance**: Choose a screen to show after you delete or archive a conversation.
     - **Message text size**: Set the size of text in message displays.
     - **Clear search history**: Remove previous searches you performed.
     - **Restore default for "Show pictures"**: Restores the default setting (do not show pictures automatically) for all the people who send you email, including those whose Show pictures setting you may have changed when reading messages from them.

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- **Gmail account settings**
  - **Gmail sync for this account is ON/OFF**: Indicates whether you have Gmail synchronization turned on for this account in the **Account & sync** settings. Touch to open those settings.
  - **Labels to Sync**: Choose which labels are synchronized.
  - **Auto-download attachments**: Download files attached to recent messages when connected through Wi-Fi.
  - **Email notifications**: When enabled, notifications for new email appear in the Status Bar.
  - **Ringtone**: Choose a ringtone for new email notifications.
  - **Vibrate**: Choose vibration settings for email notifications.
  - **Notify once**: When enabled, a notification appears in the Status Bar for new email, not for every new message.
  - **Signature**: Create a text signature to add to outgoing messages.

Email

Use Email to view and manage all your email accounts in one application.

Configuring Email Accounts

1. From a Home screen, touch **Apps** ➔ **Email**.
2. At the **Account setup** screen, enter an **Email address** and **Password**, then touch **Next**.
3. Your account's incoming server settings are different, depending on the kind of email service for the account. If the **Account type** screen displays, touch the type of account: **POP3**, **IMAP**, or **Microsoft Exchange**.

   The **Server settings** screen displays. Enter the required settings and touch **Next**. For more information, refer to *"Incoming Server Settings"* on page 44.
4. Review the **Account options** screen. Available options vary, depending on the provider:
   - **Inbox checking frequency**: Set how often to check for new email sent to this account. Options are: Automatic (Push), Never, Every 5, 10, 15, or 30 minutes, and Every hour.
   - **Amount to synchronise**: For Exchange ActiveSync accounts, set how many days or weeks of email to store on the phone.
   - **Send email from this account by default**: When enabled, email from your device is automatically sent from this account.
   - **Notify me when email arrives**: When enabled, you receive notifications when you receive new email sent to this account.
   - **Sync contacts from this account**: When enabled, contacts from your account are synchronized with your device's Contacts.
   - **Sync calendar from this account**: When enabled, events from your account are synchronized with your device's Calendar.

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- **Sync email from this account**: For accounts that can sync different kinds of information, check to sync email between your tablet and the email service.
- **Automatically download attachments when connected to Wi-Fi**: When enabled, attachments to messages are downloaded when you receive them, rather than requiring you to explicitly download the attachments when you open the messages. Automatic downloads only occur when you are connected to a Wi-Fi network.

5. Touch **Next** to go to the next screen or touch **Previous** to go to the Apps screen.
6. Enter an account name for the email account just added, which is displayed on the email screen.
7. Touch **Next**.

   The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, use **Menu** ➔ **Account settings**. Touch the account to display Account settings.

Adding Additional Email Accounts

To add additional email accounts:

1. From a Home screen, touch **Apps** ➔ **Email**.
2. Touch **Menu** ➔ **Account settings** ➔ **Add account**.
3. Enter the **Email address**, **Password**, and so on.

Composing and Sending Email

1. From a Home screen, touch **Apps** ➔ **Email**.
2. Touch an account, if you have more than one account set up, then touch **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.

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6. While composing a message, the following options are displayed:
   - **Save draft**: Save the message as a draft for sending later.
   - **Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.
   - **Attach**: Choose an attachment to add to the message from Gallery or Quickoffice, or select a music track.
7. **Discard**: Close the message without saving.
8. Touch **Send** to send the message.

Managing Emails

Combined Inbox

You can view emails you receive to all accounts in the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, touch **Apps** ➔ **Email**.
2. Touch the pop-up menu at the top left of the screen to select:
   - <**Account Name**>: View emails for the account.
   - **Combined view**: View all emails in a combined inbox.

Account Settings

Account settings lets you use settings to configure handling of email on your device.

Note: Available settings may depend on the email account and include setting how much email to synchronize, creating signatures for emails you send, and other handling options.

1. From a Home screen, touch **Apps** ➔ **Email**.
2. Touch **Menu** ➔ **Account settings**, then touch an account for options:
   - **General settings**:
     - **Account name**: Enter a name to identify this account.
     - **Your name**: Enter your name, to appear on emails from this account.
     - **Signature**: Enter a signature to add to emails from this account.
     - **Inbox check frequency**: Lets you configure how often the device queries the remote server for new email changes. Options are: Automatic (Push), Never, Every 5, 10, 15, or 30 minutes, or Every hour.
     - **Auto-download attachments**: When enabled, attachments to messages are downloaded when you receive them, rather than requiring you to explicitly download the attachments when you open the messages. Automatic downloads only occur when you are connected to a Wi-Fi network.
     - **Default account**: When enabled, email from your device is automatically sent from this account.

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- **Notification settings**:
  - **Email notifications**: When enabled, the New Email icon appears in the Status Bar when a new email arrives.
  - **Select ring tone**: Choose a ringtone for email notifications for this account.
  - **Vibrate**: When enabled, email notifications for this accounts are accompanied by vibration.
- **Server settings**:
  - **Incoming settings**: Configure incoming server settings. For more information, refer to *"Incoming Server Settings"* on page 44.
  - **Outgoing settings**: Configure outgoing server settings. For more information, refer to *"Outgoing Server Settings"* on page 45.
  - **Sync email**: For accounts that can sync different kinds of information, check to sync email between your tablet and the email service.
  - **Sync contacts**: When enabled, contacts from your account are synchronized with your device's Contacts.
  - **Sync calendar**: When enabled, events from your account are synchronized with your device's Calendar.
- **Remove account**:
  - **Remove account**: Remove the email account from your device.

Incoming Server Settings

Your account's incoming settings are different, depending on the kind of email service for the account: POP3, IMAP, or Exchange ActiveSync.

- **POP3 accounts**
  - **Username**: Depending on the requirements of your email service provider, your full email address or just your username (that is, the part before @emailprovider.com in your email address).
  - **Password**: The password for your email account, which should carry forward from the previous screen.
  - **POP3 server**: The fully resolved domain name of your email service provider's POP3 server, for example, pop3.emailprovider.com.
  - **Security type**: Select the security type required by your email service provider. Select the **SSL (Accept all certificates)** option for your security type to accept a server certificate from your POP3 server that is self-signed, out of date, or in some other way not accepted by the Email application.
  - **Port**: Set the Security type first to enter the typical server port number in this field automatically. Or enter a different port number if your email service provider requires it.
  - **Delete email** from server: Use to configure Email to cause your email service provider to delete from its server any email you delete in the Email application, or to never delete email from the server.
- **IMAP accounts**
  - **Username**: Depending on the requirements of your email service provider, your full email address or just your username (that is, the part before @emailprovider.com in your email address).
  - **Password**: The password for your email account, which should carry forward from the previous screen.

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  - **IMAP server**: The fully resolved domain name of your email service provider's IMAP server, for example, imap.emailprovider.com.
  - **Security type**: Select the security type required by your email service provider. Select the **SSL (Accept all certificates)** option for your security type to accept a server certificate from your IMAP server that is self-signed, out of date, or in some other way not accepted by the Email application.
  - **Port**: Set the Security type first to enter the typical server port number in this field automatically. Or enter a different port number if your email service provider requires it.
  - **IMAP path prefix**: Leave blank unless instructed to enter a specific prefix by your email service provider.
- **Exchange ActiveSync accounts**
  - **Domain\Username**: If your Exchange ActiveSync server requires that you specify a domain, enter it before the backslash. Otherwise, just enter your username (the part before @emailprovider.com in your email address) after the backslash. The backslash is optional when only entering your username. The Email app enters the correct syntax for domains and usernames when communicating with the server.
  - **Password**: The password for your email account, which should carry forward from the previous screen.
  - **Server**: The fully resolved hostname of the Exchange ActiveSync server, for example, mail.emailprovider.com.
  - **Use secure connection (SSL)**: Check this option if your Exchange ActiveSync server requires you to connect to the server securely, or if you prefer to connect securely.
  - **Accept all SSL certificates**: Check this option if you want to accept a server certificate from your Exchange ActiveSync server that is self-signed, out of date, or in some other way not accepted by the Email application.

Outgoing Server Settings

If you use an IMAP or POP3 account for receiving email, you typically use an SMTP server to send email from that account. Exchange ActiveSync accounts do not have separate outgoing server settings.

- **SMTP server**: The fully resolved domain name of your email service provider's SMTP server, for example, smtp.emprovider.com.
- **Security type**: Select the security type required by your email service provider. Select the **SLL (Accept all certificates)** option for your security type to accept a server certificate from your SMTP server that is self-signed, out of date, or in some other way not accepted by the Email application.
- **Port**: Set the Security type first to enter the typical server port number in this field automatically. Or enter a different port number if your email service provider requires it.

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- **Require sign-in**: Check this option to enter a username and password for your SMTP server, if your email service provider requires that you enter them to send email.
- **Username**: Your username on the SMTP server (this may not be the same as your username on the POP3 or IMAP server for incoming mail). Visible only if Require sign-in is checked.
- **Password**: Your password on the SMTP server (this may not be the same as your username on the POP3 or IMAP server for incoming mail). Visible only if Require sign-in is checked.

Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android tablet or phone or on a computer.

Tip: Talk requires that you have a Google account. To set up your Google account on your device use **Accounts & sync** settings. For more information, refer to *"Accounts and Sync"* on page 105.

Open Talk and Sign In

1. From a Home screen, touch **Talk**.

   – or –

   From a Home screen, touch **Apps** ➔ **Talk**.

2. Tap **Create account** to create a new Google account.

   – or –

   Enter your **Email** address and **Password** and tap **Sign in**, if you have an existing Google account.

Note: If you have already set up your Google account, you are automatically logged in.

3. After entering your user name and password, touch **Sign in**.

   Once sign in is complete, the Talk screen displays.

Invite a Friend to Chat

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

1. While viewing your Friends list, touch **Add friend**.
2. Enter your friend's address and touch **Send invitation**.

   Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk.

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If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a notification in the System bar and the invitation appears in your Friends list.

1. Touch the invitation.
2. Touch **Accept**, if you want to accept the invitation and chat, **Decline**, if you do not want to chat with and share your Google Talk status with the sender right now, or **Block**, if you want do not want to receive any more invitations from that person.

   If you touch Accept, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

Options While Chatting

There are several options that are available while you are chatting.

- Touch **Chat Menu** to the right of the chat window. The following options display:
  - **Go off the record/Stop chatting off the record**: Set whether you want to stop saving your chat to the chat history.
  - **Friend info**: Display information about the friend with which you are chatting.
    - Touch **View in Contacts** to view the friend's Contact information.
    - Touch **Nickname** to create a nickname for the friend.
    - Touch **Show in Friends list** for these options: Always, Never, or Automatically. Automatically determines whether your friend is popular with you.
  - **Block friend**: Block a friend from sending you messages remove the friend from your Friends list.
  - **Remove friend**: Remove the friend as if you never accepted their invitation. However, the friend is not blocked.

Note: If you touch the **Remove friend** option, touch **Add friend ➔ Send chat invitation to**, to make the Friend visible again.

  - **Add to chat**: Select another friend to join in the current chat.
  - **Clear chat history**: Remove the history of this chat from your device.

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Additional Talk Options

1. While viewing your Friends list, touch to search your Talk messages. Use the on-screen keypad to enter a search term. Touch on the keypad to search your Talk messages.
2. Touch **Menu** to display the following options:
   - **All friends** / **Most popular**: List all friends or the most popular friends.
   - **Close all chats**: Terminates any chats that you have open.
   - **Sign out**: Sign out of Google Talk and display the Talk main screen.
   - **Settings**: Offers various settings for Google talk. For more information, refer to *"Google Talk Settings"* on page 48.
   - **Help**: Displays additional help information.
3. Touch a Friend's entry to display the Chat entries for that Friend.

Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains has its own Talk settings.

1. From a Home screen, touch **Talk**.
2. Touch **Menu** ➔ **Settings**, then touch an account for options:
   - **General settings**:
     - **Sign in automatically**: Enable or disable automatic sign in to Google Talk when you power on your tablet.
     - **Mobile indicator**: Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on a tablet or phone.
     - **Set status to Away when the screen is turned off**: Check to change your Talk status to Away when your screen turns off. When unchecked, your status is not changed.

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- **Chat notifications**
  - **IM notifications**: Set whether to open a dialog, display a notification in the System bar, or neither, when you receive a text chat.
  - **Notification ringtone**: Set a ringtone to sound, or silent, when you receive a text chat.
  - **Vibrate**: Set how vibrate functions. Choices are: Always, Only when silent, or Never.
  - **Invitation notifications**: Enable or disable a notification in the System bar when you receive an invitation to become a friend in Talk.
- **Voice & video chat settings**
  - **Video chat notifications**: Set whether to open a dialog or display a notification in the System bar when you are invited to a video chat.
  - **Video chat ringtone**: Set a ringtone to sound, or silent, when you receive an invitation to a video chat.
- **Account**
  - **Blocked friends**: Displays a list of friends you have blocked. Touch a blocked friend and then touch OK to unblock the friend.
  - **Clear search history**: Erases your search history. No previous searches are shown until you search for new words.
  - **Manage account**: Opens the Accounts & Sync settings. For more information, refer to *"Accounts and Sync"* on page 105.
- **About**
  - **Terms & privacy**: Displays the Google Talk terms of use and privacy policies.

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Browser

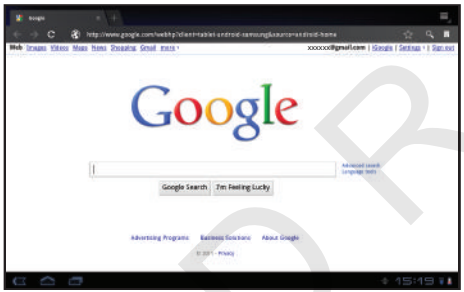
Your device is equipped with a full HTML Browser that allows you to access the internet.

▶ From a Home screen, touch **Browser**.

– or –

From a Home screen, touch **Apps** ➔ **Browser**.

The Google Android home screen displays.



Tip: Browser appears by default as a Primary shortcut on the Home screen.

Navigating the Web

The following options are available for web navigation.

Command Keys

- Touch **Back** or to return to the previous page.
- Touch and hold **Back** to display a list of bookmarks.
- Touch and hold to display a list of recent pages.
- Touch to go forward to a recent page.

Touching and dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering text in a field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out..

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Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting items on a page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
  - **Open**: Open the linked page.
  - **Open in new tab**: Open a new window to display the linked page.
  - **Save link**: Save the linked page to Download history.
  - **Copy link URL**: Save the link's URL to the clipboard.
  - **Select text**: Copy the link text to the clipboard.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. From a Home screen, touch **Browser**.
2. To open a new window, touch at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch .

Entering a URL

Access a web site quickly by entering the URL.

1. From a Home screen, touch **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

Note: Use the **Delete** key to clear the URL field, if necessary.

3. As you enter characters, potential matches display. Continue entering characters or touch a match to complete the URL.
4. Touch a match to complete the URL.

   – or –

   Continue entering characters and touch to load the page.

Copying Fields or Text

Copy information from a web page to the clipboard for pasting, searching, or sharing.

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Selecting Text

1. From a Home screen, touch **Browser**.
2. Browse to a web page.
3. On the web page, touch and hold on the text until you see the text you want highlighted, then stop touching the screen.

   The text is highlighted.
4. Touch and drag the tabs to the left or right to select more or less text.
5. Touch **Copy** at the top of the screen to copy the selected text or touch **Done** to stop.
6. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** in the pop-up.

Copying a Hyperlink or URL

1. From a Home screen, touch **Browser**.
2. Browse to a web page.
3. Touch and hold on the link or URL, then touch **Copy link URL** on the pop-up menu.
4. To paste the copied link or URL, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** on the pop-up menu.

Using Bookmarks

While browsing, bookmark a site to quickly access it later.

Creating a bookmark

1. From a Home screen, touch **Browser**.
2. Browse to a website, then touch **Add Bookmark**.

   The **Bookmark this page** options list displays. Confirm the **Label** and URL **Address** for the bookmark.
3. Touch **Add to**, touch the drop-down menu, and touch **Bookmarks**.
4. Touch **OK** to save the bookmark.

   A displays on the Bookmarked page.

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Accessing Bookmarks and History

Launch a bookmarked page or reload recent pages.

1. From a Home screen, touch **Browser**.
2. Touch **Bookmarks and History**.
3. On the **Bookmarks** tab, use these options:
   - Touch a bookmark to load the page.
   - Touch and hold on a bookmark for these options:
     - **Open**: Open the bookmarked page.
     - **Open in new tab**: Open the linked page in a new window.
     - **Edit bookmark**: Make changes to the bookmark description.
     - **Add shortcut to Home**: Create a bookmark on the Home screen.
     - **Share link**: Use Bluetooth, Email, or Gmail to send the link.
     - **Copy link URL**: Save the link's URL to the clipboard.
     - **Delete bookmark**: Remove the bookmark.
     - **Set as homepage**: Assign the bookmarked link as the home page.
4. On the **History** tab, touch **Most visited**, **Today**, **Yesterday**, or **Last 7 days** to use these options:
   - Touch a page to reload it.
   - Touch the next to a page to bookmark it.
   - Touch and hold on a page for these options:
     - **Open**: Open the web page.
     - **Open in new tab**: Launch the web page in a new window.
     - **Add to bookmarks/Remove from bookmarks**: Bookmark the page or remove the bookmark for this page.
     - **Share link**: Use Bluetooth, Email, or Gmail to send the link.
     - **Copy link URL**: Save the link's URL to the clipboard.
     - **Remove from history**: Remove the record of this page.
     - **Set as homepage**: Assign the bookmarked link as the home page.

Browser Menu

While viewing a web page, touch **Menu** for options:

- **New tab**: Open the web page in a new window, under a new tab.
- **New incognito tab**: Open the web page in a new window, under a new tab, and the pages you view in the new window will not appear in your browser history or search history. See the on-screen explanation of ***going incognito***.
- **Find on page**: Search for content on the current page.
- **Share page**: Use Bluetooth, Email, or Gmail to send the web page URL.
- **Page info**: View information about the current page, including the URL.
- **Downloads**: View and manage recent downloads.
- **Settings**: Customize the Browser by using the followint options:
  - **General**
    - **Set homepage**: View and set the default first page that displays when you launch the Browser.
    - **Sync with Google Chrome**: Associate or remove Android bookmarks with your Google account.
    - **Form AutoFill**: Enable or disable Form AutoFill to complete web forms with a single click.

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- **Auto-fill data**: If **Form auto-fill** is enabled, set up the following information:
  - **Full name**: Enter your name.
  - **Company name**: Enter a company name.
  - **Address line 1**: Enter your address.
  - **Address line 2**: Enter any additional address information.
  - **City / Town**: Entery your city and town.
  - **State / Province / Region**: Enter addition location information.
  - **Zip code**: Enter your ZIP code.
  - **Country**: Enter your country.
  - **Phone**: Enter your telephone number.
  - **Email**: Enter a valid email address.

– **Privacy & Security**

- **Clear cache**: Delete content and databases stored on the device.
- **Clear history**: Delete the list of previously-visited pages.
- **Show security warnings**: When enabled, the Browser warns you if there is a problem with a site's security.
- **Automatic Google sign-in**: Enable or disable automatic sign-in to your Google account when you access the internet.
- **Accept cookies**: When enabled, allows Browser to save and read cookie information used by web pages.
- **Clear all cookie data**: Delete cookie information saved to the device.
- **Remember form data**: When enabled, stores information you enter into forms to make future forms easier.
- **Clear form data**: Deletes saved form information.
- **Enable location**: When enabled, sites you visit can request access to your location.
- **Clear location access**: Clear location access for all web sites.
- **Remember passwords**: When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
- **Clear passwords**: Clear all saved usernames and passwords.

– **Advanced**

- **Set search engine**: Choose a search engine from Google, Ask Jeeves, or Bing.
- **Open in background**: When enabled, new windows open behind the current window.
- **Enable JavaScript**: When enabled, the Browser automatically runs JavaScript scripts on pages you visit.
- **Enable plug-ins**: When enabled, the Browser automatically loads and runs plug-ins on pages you visit.
- **Website settings**: View and manage settings for individual web sites.
- **Text size**: Choose a default text size for web pages, which ranges from Tiny to Huge.
- **Default zoom**: Choose a default zoom level for web pages.

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- **Open pages in overview**: When enabled, displays an overview of newly-opened pages.
- **Auto-fit pages**: When enabled, the Browser automatically sizes web pages to fit your device's display.
- **Block pop-ups**: When enabled, blocks pop-up windows.
- **Load images**: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- **Text encoding**: Choose a default character set for web pages.
- **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut appears by default on the Home screen.

Note: You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to *"Location and Security"* on page 100.

▶ From a Home screen, touch **Apps** ➔ **Maps**.

– or –

From a Home screen, touch **Maps**.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out..

Tip: For convenient browsing, you can rotate the device to landscape mode.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch

- Touch an icon on the map to display information about the location. For example, your location is indicated by a flashing and a pop-up that says **My Location**.

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Maps Menu

1. From a Home screen, touch **Maps**.
2. While viewing a map, touch **Menu** for these options:
   - **Starred Places**: Display starred locations.
   - **Join Latitude**: Join Latitude, to share your location with friends you choose and Google.
   - **Clear Map**: Remove search results from the map.
   - **Labs**: Access experimental features.
   - **Switch Account**: Choose a different Google account.
   - **Cache Settings**: Enable or disable **Prefetch on Mobile** or **Clear map tile cache**.
   - **Help**: Learn about Google maps.
   - **Terms, Privacy & Notices**: View information about Google Maps, including the Terms and Conditions, Privacy Policy, Legal Notices, and Web History.
   - **About**: View information about Maps.

Other Map Options

Touch the indicated icon to use these additional Map options:

Search Maps: Up the keypad to enter your request to Search the map for a city, location, and so on. Suggestions are displayed as you type

Speak: Just speak a city, location, and so on, to display.

Compass: Set the map to always display north at the top of the screen or to automatically rotate like a compass, keeping north on the map facing north, and so on. Your device may have to be calibrated the first time you use this feature. Follow the on-screen instructions.

Places: Launch the Places app. For more information, refer to *"Places"* on page 59.

Directions: Displays the Directions pop-up. Enter **Start point** and **End point** or touch the button to the right of the fields to choose your current location, a contact's location, or to tap a point on the map. Touch the automobile, bus, bicycle, or walking icon for the appropriate directions. Then touch **Go** to display a list of directions. Touch the Directions list and scroll up or down. Touch an entry in the Directions list to show the point mentioned on the map.

Layers: Enable or disable a map layer to display. Choose fromTraffic, Satellite, Terrain, Buzz, Latitude, or Driving directions. Touch **More Layers** to choose from My Maps, Cycling, Wikipedia, or Transit Lines.

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Latitude

With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location.

You must first set up your tablet to use wireless networks to help pinpoint your location. Also, Latitude works best when Wi-Fi is enabled.

To enable Wi-Fi:

1. From the Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Use wireless networks**. A green checkmark indicates the feature is enabled.
3. Touch **Wireless & networks** ➔ **Wi-Fi settings**.
4. Touch **Wi-Fi** to turn Wi-Fi on.
5. Log on to your Google account.

   To create a Google account or set up your Google account on your device use **Accounts & sync** settings. For more information, refer to *"Accounts and Sync"* on page 105.
6. Touch **Home** ➔ **Apps** ➔ **Latitude**.

   Your location is displayed on the map, accurate to 30 meters.

Sharing Your Location with Friends

1. From the Latitude map screen, touch **Latitude** to display your Latitude list of friends. At first, only your name is displayed.
2. Touch **Menu** ➔ **Add friends**.
3. Touch **Select from Contacts** or **Add via email address**.
4. Touch a contact or enter an email address and tap **Send**.
5. At the **Send sharing requests** prompt, touch **Yes**.

Your friend will receive an email or text message with your location marked on a map. They will also receive instructions on how to view your location from the web or use Latitude on their device, if it is available. Once they acknowledge your request, their location will display on your tablet. They can share their location from their computer, phone, or tablet.

For more information, go to http://www.google.com/latitude.

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Latitude Menu

1. From a Home screen, touch **Apps** ➔ **Latitude**.
1. Touch Latitude to display your Latitude list of friends.
2. Touch **Menu** for these options:
   - **Refresh friends**: Update your Latitude list of friends.
   - **Check in**: Automatically check in at specific places you designate, and you will be checked in when you are there.
   - **Add friends**: Share your location with frields. For more information, refer to *"Sharing Your Location with Friends"* on page 57.
   - **Settings**: Used to set various Latitude options.
     - **Detect your location**: Enable or disable whether your locatio is upclatecl automatically.
     - **Set your location**: Set your location manually.
     - **Do not detect your location**: Your friends cannot see your automatic location.
     - **Enable location history**: This history is only seen by you.
     - **Enable automatic check-ins**: Checks you in to places that you have designated.
     - **Enable check-in notifications**: Enables notifications that suggest places to check in.
     - **Manage your places**: View ancl rnoclify your automatic check-ins ancl rnutecl places.
     - **Sign out of Latitude**: Signs you out of Latitude and launches the Maps application.

For the remaining options, see *"Maps Menu"* on page 56.

Navigation

Use Google Navigation to find a destination and to get walking or driving directions.

Note: You must first create a wi-fi connection to use Navigation.

1. From a Home screen, touch **Apps** ➔ **Navigation**.
2. To find a destination, touch an option:
   - **Speak Destination**: Say the name or address of your destination.
   - **Type Destination**: Enter the destination.
   - **Contacts**: Choose a destination from a contact record.
   - **Starred Places**: Choose destinations you have marked as favorites.
   - **Recent Destinations**: Choose from recent destinations.
3. While navigating, touch **Menu** for options:
   - **Search**: Find a location.
   - **Route Info**: View information about the current route.
   - **Layers**: Choose map layers to display.
   - **Mute/Unmute**: Mute to silence voice-guided prompts.
   - **Exit Navigation**: Close Navigation and discard route information.

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- **Directions List**: View directions in a step-by-step list.
- **Set Destination**: Choose or enter a destination.
- **Help**: Learn about Google maps.
- **Terms, Privacy & Notices**: View information about Google Maps, including the Service Agreement and Privacy Policy, and give Feedback.

Places

Google Places uses your location to help you find nearby destinations, such as restaurants, bars, hotels, attractions, ATMs, and gas stations, or you can enter a location.

1. From a Home screen, touch **Apps** ➔ **Places**.
2. Touch a category or touch **Add** to enter criteria.
3. Touch a destination to view details and for map and navigation options.

Google Search

Search the internet, and your device, using the Google search engine.

Tip: The Google Search widget appears on a Home screen by default. For information about displaying widgets on the Home screen, see *"Adding Widgets to a Home screen"* on page 19.

1. From a Home screen, touch **Google**.

   – or –

   From a Home screen, touch **Apps** ➔ **Google Search**.
2. Use the keypad to enter search criteria to display matching searches.

   Suggestions display below the text entry area.
3. Touch a suggestion to search for that term.

   – or –

   Touch **Go** to start the search.

   A browser window displays the search results.

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Voice Search

Voice Search offers voice-activated Google searches.

Tip: Voice Search is also available on the Google Search widget, which appears on a Home screen by default.

1. From a Home screen, touch **Voice Search**.

   – or –

   From a Home screen, touch **Apps** ➔ **Voice Search**.

2. Touch **Speak now**, then speak your search criteria slowly and clearly. Google searches for the information and displays results.

YouTube

View and upload YouTube videos right from your device.

1. From a Home screen, touch **YouTube**.

   – or –

   From a Home screen, touch **Apps** ➔ **YouTube**.

2. Touch the **Home** tab to return to the main YouTube page.
3. Touch the **Browse** tab to browse videos by categories like Comedy, Education, Music, and so on. Touch the desired category to display video thumbnails.
4. Touch the **Your Channel** tab upload a video, see you favorites, manage your playlists, and display your subscriptions.
5. Touch **Search YouTube** and use the keypad to enter a keyword or phrase to find a YouTube video. Touch on the keypad to initiate the search.
6. While browsing, touch **Menu** for these options:
   - **Sign in**: Sign in or add a YouTube account. You may have to sign in to YouTube to use certain options.
   - **Settings**: Configure display and search settings and view information about the application.
   - **Help**: Display YouTube help information.
7. While viewing a video, touch **Share** to share the video by way of **Bluetooth**, **Email**, or **Gmail**.

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8. While viewing a video, touch **Menu** for these additional options:

- **Favorite**: Mark this video as a favorite.
- **Save to**: Save the video .
- **Copy URL**: Copy the URL of the video to the clipboard. For more information, refer to *"Copying a Hyperlink or URL"* on page 52.
- **Flag**: Flag the video for YouTube review.

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Music Player

The Music Player plays music and other audio files that you copy from your computer.

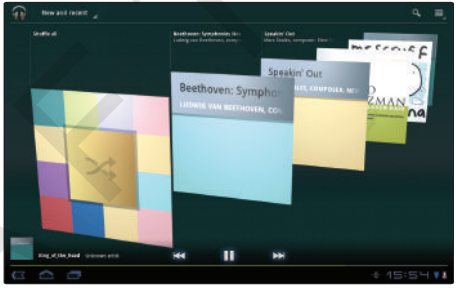
1. From the Home screen, touch **Music**.

   – or –

   From a Home screen, touch **Apps** ➔ **Music**.

Tip: A shortcut to Music appears on the Home screen by default.

The Music application searches your online library and your device's internal storage for music and playlists; this can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays a carousel view of your new and recent music, organized by album.



2. Swipe left or right to spin the carousel and browse through your new and recent music.
3. Touch an album to open it.
4. Return to the Library screen from most other screens in the Music application by touching the Music application icon at the top-left of the Application bar.

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Changing Library View

You can change the way you view the contents of your library.

1. From the Home screen, touch **Music**.
2. Touch the name of the current view, such as **New and recent**, near the top-left of the Application bar.
3. Touch an option to set how you view your library.

   The choices are: **New and recent**, **Albums**, **Artists**, **Songs**, **Playlists**, or **Genres**.

Note: The contents of your library display in a scrolling grid, list, or carousel, depending on the view.

Searching for Music

To find music in your library:

1. From the Home screen, touch **Music**.
2. Touch **Search**.
3. Type the name of an artist, album, song, or playlist.

   Matching songs are displayed in a list below the search box.
4. Touch a matching song to play it, touch a matching album, artist, or playlist to view a list of its songs, or touch next to an item in the list to play it or add it to a playlist.

Changing Music Settings

To change settings in the Music application:

1. From the Home screen, touch **Music**.
2. Touch **Menu**.
3. The following options display:
   - **Hide now-playing bar / Show now-playing bar**: Hide or show the Now Playing bar that appears at the bottom of the screen. You can return to the **Now playing** screen from other Music screens by touching the name of the current song in the Now Playing bar.
   - **Shuffle all**: Play all songs in a random order.
   - **Hide labels / Show labels**: Hide or show labels. This option is not available in all library views.
   - **Help**: Opens the Browser with information about the Music application.

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Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset. For more information, refer to *"Bluetooth"* on page 80.

Touch the **Volume Key** on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Playing Music

To play a song:

1. From the Home screen, touch **Music**.
2. Touch a song in your library to listen to it.

   – or –

   While viewing a list of songs, touch next to a song and touch **Play**.

   – or –

   While viewing a list of albums, artists, playlists, or genres, the label area under an item and touch **Play**.

The **Now playing** screen opens and the song you touched or the first song in the album or playlist starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Note: If you navigate away from the **Now playing** screen in the Music application, the Now Playing bar appears at the bottom of the screen. You can use this to control playback or touch **Menu** ➔ **Hide now-playing bar**.

Displaying the Now Playing Screen

If you navigate away from the **Now playing** screen, to return to the **Now playing** screen from other Music screens:

- Touch the name of the current song in the Now Playing bar.

  – or –

  Touch the Music notification icon in the System bar, and in the Status Details opens, touch the song title. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to *"Notifications"* on page 16.

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Options While Playing a Song

When you play a song, the **Now playing** screen displays. There are various options and controls available while a song is playing:

1. From the Home screen, touch **Music**.
2. Touch an album or song.
3. Touch **Menu** to display the following options:
   - **Add to playlist**: Add the song to a new playlist or an existing playlist.
   - **More by artist**: View any other music in your library by the artist that performs this song.
   - **Help**: Opens the Browser with information about the Music application.
4. Touch the **SONG** title to add the song to a playlist.
5. Touch the **ARTIST** name to view information about the artist associated with this song.
6. Touch **ALBUM** to list and play the songs on the album.
7. The **Now playing** screen contains several buttons that you can touch to control the playback of songs, albums, and playlists:

When Shuffle mode is enabled, songs play in random order. When disabled, songs play in the order they appear in List view.

Touch to pause playback.

Touch to resume playback

Touch to advance to the next song. Touch and hold to scan forward through the current song.

Touch to go back to the previous song. Touch and hold to scan backward through the current song.

Touch to repeat the current song, repeat all songs, or disable repeat mode.

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Creating a Playlist

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch an album or song list and play a song.
3. Touch **Menu** ➔ **Add to playlist** ➔ **New playlist**.
4. Touch the **NAME** field to enter a name for the playlist.
5. Touch **OK** to save the new playlist.

Adding Songs to Playlists

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch an album or song list and play a song.
3. Touch **Menu** ➔ **Add to playlist**.

Playing a Playlist

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Display the **Playlists** library view.
3. Touch next to a playlist title and touch **Play**.

Deleting a Playlist

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Display the **Playlists** library view.
3. Touch next to a playlist title and touch **Delete**.

Music Hub

Samsung Music Hub makes your device a personal music manager and lets you access, buy, and download millions of music tracks. Access top albums, top tracks, featured albums, and new releases. Music Hub allows you to search for tracks, albums, and artists. Enjoy music samples before you download them directly to your Wi-Fi Galaxy Tab.

Note: You must sign up for an account before accessing some of the Music Hub options.

1. From a Home screen, touch **Apps** ➔ **Music Hub**.
2. Read the Disclaimer and tap **Confirm** to continue or **Back** to exit.

   The Music Hub Home screen displays.
3. Tap one of the following options:
   - **Featured**: This is the Music Hub home screen. Displays a top albums, featured albums, top tracks, new releases, and more. Tap an item to display more information and prices.
   - **Genres**: Displays bestsellers and new releases by genre, such as pop, rock, jazz, comedy, and blues.
   - **Playlists**: Display downloaded playlists and your library of songs and albums, or create a new playlist.

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- **My page**: Displays the following options:
  - **Basket**: Displays songs that you have selected to buy. Touch **Buy** to start the purchase process. Touch **Menu** ➔ **Delete all** to clear your basket.
  - **Purchase List**: Displays a list of your purchases.
  - **Payment information**: Allows you to set up your payment method. Touch **Add card** to enter your payment information.
  - **Help**: Display help information for Music Hub.

Note: You have to be signed in to use some options. To sign in, touch **Sign in** and use the keypad to enter your **Email address** and **Password**. Touch **Sign in** or touch **Create account** to set up a new account.

4. Touch **Search** and use the keypad to enter a key word or phrase to search for tracks, albums, or artists. Touch on the keypad to search Music Hub. Touch the **Tracks**, **Artists**, and **Albums** tabs to view the results.

Making a Purchase

You can use Music Hub to buy a albums or a individual tracks. You can also build your own album from various tracks.

1. From a Home screen, touch **Apps** ➔ **Music Hub**.
2. Touch an album or a track.
3. Touch next to an album to add the album to your basket or next to each track that you want to add to your basket.
4. Touch next to an album to add the album to your album or next to each track that you want to add to your album. Touch **New** to create a new album.

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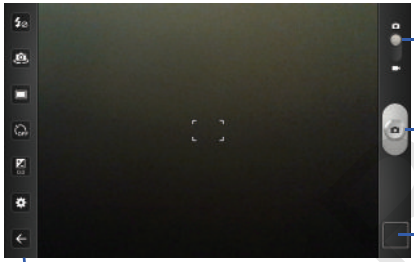
Camera

Use your device's built-in camera and camcorder to take photos and record videos.

▶ From a Home screen, touch **Apps** ➔ **Camera**.

The Camera screen displays.



Taking Photos

1. From a Home screen, touch **Apps** ➔ **Camera**.
2. Using the display as a viewfinder, compose your photo by aiming the lens at the subject. To configure settings, see *"Camera Options"* on page 69
3. To take the photo, touch the **Camera** button.
4. Touch **Back** to leave the Camera and display the previous screen.

Important!: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

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Camera Options

Before you start taking photos, use the camera options to configure the camera for best results. Camera options are represented by icons on the left side of the screen. While in Camera mode, touch the following icons to set camera options:

Flash: Choose a flash mode from Auto flash, On, or Off, which is the default.

Self shot: Touch to switch to the front-facing camera lens and take a photo of yourself.

Shooting mode: Choose an automatic shooting mode, from:

- **Single shot**: Take a single photo.
- **Smile shot**: Touch the Camera button to automatically focus on the subject's face and take the photo.
- **Panorama**: Touch the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
- **Action shot**: Detects action and creates a panorama of the moving object.

Timer: Set a timer for how long to wait before taking a photo. Options are: Off, 2 sec, 5 sec, and 10 sec.

Exposure value: Set the brightness of the photo.

Settings:

- **Focus mode**: Set the focus mode to Auto focus or Macro.
- **Scene mode**: Choose an automatic scene mode from None, Landscape, Night, Sports, Party/Indoor, Sunset, or Dawn.
- **White balance**: Set the light source. Options are: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- **Effects**: Apply an effect to photos. Options are: None, Grayscale, Sepia, or Negative.
- **Resolution**: Set a size for the image. Options are: 3.2M (2048x1536) or 0.3M (640x480).
- **Metering**: Set how the camera measures or meters the light source: Matrix, Center-weighted, or Spot.
- **GPS tag**: Enable or disable tagging of photos with your GPS location. displays in the Application Bar when this option is active.

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

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Viewing Photos with the Image Viewer

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.

1. Touch **Image Viewer** to view the photo.
2. Touch the screen to show or hide Image Viewer options.
3. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 15.
4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
5. Touch **Slideshow** to view a slideshow of your photos. Touch the screen to stop the slideshow and view the photo being displayed.
6. Touch **Share** to use Picasa, Bluetooth, Gmail, or Email to share the photo.
7. Touch **Delete** to delete the photo being displayed. Touch **Confirm Delete** to delete the photo or **Cancel** to exit.
8. Touch **Menu** to display the following options:
   - **Details**: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **X** to close the pop-up.

Note: Photos are stored in the /mnt/sdcard/DCIM/Camera folder as jpg files.

   - **Show on map**: This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to *"Camera Options"* on page 69.

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

   - **Rotate Left**: Allows you to rotate the picture counterclockwise 90 degrees.
   - **Rotate Right**: Allows you to rotate the picture clockwise 90 degrees.
   - **Set picture as**: Assign the photo as a Contact icon or Wallpaper.
   - **Crop**: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok**. Touch **X** to stop without cropping the picture.
9. Press **Back** to return to the Camera to take more photos.

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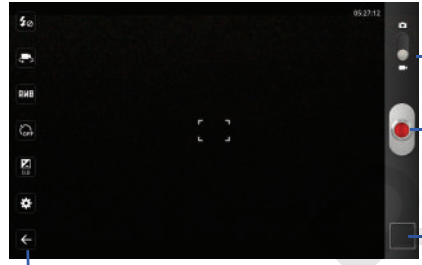
Camcorder

Use your device's built-in Camcorder to record high-definition video in 720p resolution.

1. From a Home screen, touch **Apps** ➔ **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.

   The Camcorder screen displays.



Recording Videos

1. From a Home screen, touch **Apps** ➔ **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject. To configure settings, see *"Camcorder Options"* on page 72
4. To start recording, touch **Record**. During recording, the **Record** button flashes.
5. Touch **Record** to stop recording.
6. Touch **Back** to leave the Camcorder and display the previous screen.

Important!: Do not take videos of people without their permission.
Do not take videos in places where cameras are not allowed.
Do not take videos in places where you may interfere with another person's privacy.

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Camcorder Options

Before you start recording videos, use the camcorder options to configure the camcorder for best results. Camcorder options are represented by icons on the left side of the screen. While in Camcorder mode, touch the following icons to set camcorder options:

Flash: Touch Off or On.

Self shot: Touch to switch to the front-facing camera lens and record a video of yourself.

White balance: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

Timer: Set a timer for how long to wait before recording a video. Options are: Off, 2 sec, 5 sec, and 10 sec.

Exposure value: Set the brightness of the video.

Settings ➔ Video:

- **Effects**: Apply an effect to videos. Options are: None, Grayscale, Sepia, or Negative.
- **Resolution**: Set a size for the image. Options are: 1280x720, 640x480, or 176x144.

Viewing Videos with the Image Viewer

After recording a video, use the Image Viewer to play, share, or delete your video.

1. Touch **Image Viewer** to view the video.
2. Touch the screen to show or hide Image Viewer options.
3. Sweep across the screen to display the next or previous video. The current video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the video it represents.
4. Touch **Slideshow** to view a slideshow of your video thumbnails. Touch the screen to stop the slideshow and view the video being displayed.
5. Touch **Share** to use YouTube, Bluetooth, Gmail, or Email to share the video.
6. Touch **Delete** to delete the video being displayed. Touch **Confirm Delete** to delete the photo or **Cancel** to exit.

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7. Touch **Menu** to display the following options:
   – **Details**: Provides details about the photo such as Title, Time, Duration, File Size, and so on. Touch the **X** to close the pop-up.

Note: Videos are stored in the /mnt/sdcard/DCIM/Camera folder as mp4 files.

8. To play a video, touch **Play**. Touch **Pause** to pause the video and touch **Resume** to resume playing the video. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Tap the left end of the progress bar to restart the video. Tap the right end of the progress bar to end the video playback.
9. Press **Back** to return to the Camcorder.

Gallery

Your device's 10.1-inch 1280x720 WXGA TFT (PLS) LCD screen provides high-resolution display of photos and videos.

Use Gallery to view, capture, and manage photos and videos.

Tip: A shortcut to Gallery appears by default on the Main Home screen.

Selecting Photos and Videos to View

1. From a Home screen, touch **Gallery**.
   – or –
   From a Home screen, touch **Apps** → **Gallery**.
   All categories display.
2. Touch **By album** to display other ways to group your photos and videos. Options are:
   - **By album**: Based on the folder in which they are stored.
   - **By time**: Based on the time taken.
   - **By location**: Based on where taken.
   - **By tags**: Based on tags applied.
   - **By size**: Based on size.
3. Touch **Images and videos** to whether to display Images and videos, Images only, or Videos only.
4. Touch **Camera** to launch the Camera app.
5. Touch **Information** and touch an Album to display information about it.
6. Touch **Menu** to display the **Make available offline** option.

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Viewing Categories of Photos and Videos

1. From a Home screen, touch **Gallery**.
2. Touch a category to view it.
3. Touch **Information** and touch a photo or video to display information about it. Touch **X** in the pop-up to close it.
4. Depending on the way you chose the category, you can view it **By time**, **By location**, **By tags**, or **By size**. You can also change the category to view **Images and videos**, **Images only**, or **Videos only**.
5. Touch **Slideshow** to view a slideshow of the photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.

Viewing Photos and Videos

1. From a Home screen, touch **Gallery**.
2. Touch a category to view it and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 15.
5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the **Play** button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. Touch **Slideshow** to view a slideshow of photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.
7. Touch **Share** to use Picasa (photos), YouTube (videos), Bluetooth, Gmail, or Email to share the photo or video.
8. Touch **Delete** to delete the photo or video being displayed. Touch **Confirm Delete** to delete the photo or video or **Cancel** to exit.

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9. Touch **Menu** to display the following options for photos:

   – **Details**: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **X** to close the pop-up.

Note: Photos are stored in the /mnt/sdcard/DCIM/Camera folder as jpg files.

   – **Show on map**: This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to *"Camera Options"* on page 69.

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

   – **Rotate Left**: Allows you to rotate the picture counterclockwise 90 degrees.
   – **Rotate Right**: Allows you to rotate the picture clockwise 90 degrees.
   – **Set picture as**: Assign the photo as a Contact icon or Wallpaper.
   – **Crop**: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok**. Touch **X** to stop without cropping the picture.

There is only one option for videos:

   – **Details**: Provides details about the photo such as Title, Time, Duration, File Size, and so on. Touch the **X** to close the pop-up.

Note: Videos are stored in the /mnt/sdcard/DCIM/Camera folder as mp4 files.

10. Press **Back** to return to the category screen.

Setting a Photo as a Contact Icon

1. From a Home screen, touch **Gallery**.
2. Touch a category, then touch a photo to select it.
3. Touch **Menu** ➔ **Set picture as** ➔ **Contact photo**.
4. Touch a contact entry.

   The **Crop picture** screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok** to save the cropped photo as the contact's icon. Touch **X** to stop without cropping the picture.

Tip: To remove the icon, see *"Updating Contacts"* on page 33.

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Setting a Photo as Wallpaper

1. From a Home screen, touch **Gallery**.
2. Touch a category, then touch a photo to select it.
3. Touch **Menu** → **Set picture as** → **Wallpaper**.

   The **Crop picture** screen displays.
4. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok** to save the cropped photo as wallpaper. Touch **X** to stop without cropping the picture.

Tip: To change wallpaper, see *"Wallpapers"* on page 22.

Playing Videos

1. From a Home screen, touch **Gallery**.
2. Touch a category to view it and then touch a video thumbnail to play the video.

Note: Videos are marked with a **Play** button.

3. Touch **Pause** to pause the video.
4. Touch **Resume** to resume playing the video.
5. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Tap the left end of the progress bar to restart the video. Tap the right end of the progress bar to end the video playback.

Sharing Photos and Videos

Share photos and videos with your friends.

1. From a Home screen, touch **Gallery**.
2. Touch a category to display thumbnails, then select items for sharing:
   - To select an entire category, touch and hold a photo or video thumbnail, then touch **Select all** → **Share**. Touch **Deselect All** to unhighlight photos and videos.
   - To select multiple photos or videos from a category, touch and hold a photo or video thumbnail, touch thumbnails to highlight them for sharing, then touch **Share**.
3. Touch **Picasa** (photos only), **YouTube** (videos only), **Bluetooth**, **Gmail**, or **Email**, then follow the prompts.

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Movie Studio

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on.

▶ From a Home screen, touch **Apps**
➔ **Movie Studio**.

Adding a New Movie Project

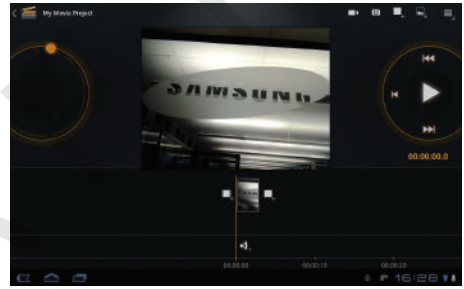
To use Movie Studio to work with videos, add a new project:

1. From a Home screen, touch **Apps**
   ➔ **Movie Studio**.
2. Touch **New project**.
   The **Project name** pop-up displays.
3. Use the keypad to enter a project name and touch **OK**.

Updating a Movie Project

There are several ways to add videos, pictures, and sound to your movie project.

1. From a Home screen, touch **Apps**
   ➔ **Movie Studio**.
2. Add a new project or touch an existing movie project.
   The **Movie Project** screen displays.



3. To add video clips or photos to your project, touch one of the following:
   - **Camcorder** to record a new video segment.
   - **Camera** to take a new photo.
   - **Add video** to add an existing video.
   - **Add photo** to add an existing photo.
   - **Add music** to add music to your project.

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4. Touch **Menu** to display the following options:
   - **Import Music**: Add music to your project.
   - **Change aspect ratio**: Choose an aspect ratio. The aspect ratio of each segment in the project is listed.
   - **Change project name**: Use the keypad to change the name of the current movie project.
   - **Export movie**: Set the movie size and quality, and save the updated movie.
   - **Delete project**: Delete the current movie project.
5. To control playback of your project, touch one of the following
   - **Play** to play the video.
   - **Pause** to pause the video.
   - **Previous segment** to go back one segment.
   - **Next segment** to go forward one segment.
   - **Rewind** to back up to the start of the project segments.
6. Touch and drag the **Workspace control** to expand or contract the workspace.
7. Touch a segment to add effects, add a title, and select a transition for the beginning or end of the segment.
8. Touch a segment and then touch **Menu** to display the following options:
   - **Change rendering mode**: Choices are **Black borders**, **Stretch to fit**, and **Crop**.
   - **Remove**: Delete the selected segment.
9. Touch a segment

Deleting a Movie Project

To delete an existing movie project:

1. From a Home screen, touch **Apps** ➔ **Movie Studio**.
2. Sweep across the screen to locate the project you want to delete.
3. Touch and hold the project thumbnail.
4. Touch **Delete project**.

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Your device includes features to connect to the internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fi settings, see *"Wi-Fi Settings"* on page 94.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to *"Network Notification"* on page 95.

Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

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Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless and network** ➔ **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. Touch **Add Wi-Fi network**, then enter information about the network:
   - **Network SSID**: Enter the name of the Wi-Fi Wireless Access Point.
   - **Security**: Select the type of security used by the WAP.
   - **Password**: If the WAP is secured, enter the password or hex key.

Note: Depending on the Security protocol used by the WAP, additional network information may be required.

4. Touch **Save** to save the settings.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to *"Bluetooth Settings"* on page 96.

Turning Bluetooth On or Off

To turn Bluetooth on or off:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless and network**.
2. Touch **Bluetooth** to turn Bluetooth on or off. When Bluetooth is enabled, a green check mark appears next to the field.

Note: When Bluetooth is on, the **Bluetooth** icon displays in the Status Bar.

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Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks** ➔ **Bluetooth settings**.
2. Touch **Bluetooth** to turn on Bluetooth.
3. Enable the target device's discoverable or visible mode.
4. Touch **Find nearby devices**.
5. From the list of scanned devices, touch the target device, then follow the prompts to complete the pairing:
   - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
   - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

Managing Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

Uninstalling an App

Apps come pre-installed on your device and you can download additional apps from Market. If you decide to, you can uninstall apps you downloaded from Market and other sources.

There are several ways to uninstall an app:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.

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2. Touch the **Downloaded** tab.
3. Touch the app you want to uninstall.
4. Touch the **Remove** button.

   The Uninstall Application pop-up displays.
5. Touch **OK** to confirm you want to uninstall the app.

You can also use Market to uninstall apps you downloaded from there (see *"Market"* on page 89.).

To uninstall an app from the Downloaded screen:

1. From a Home screen, touch **Apps**.
2. Touch the **Downloaded** tab in the Application Bar.
3. Touch and hold an the app's icon and drag it to the **Uninstall** icon to uninstall and remove the app from your tablet.

Note: You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

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Section 10: Applications and Widgets

This section contains a description of each application that is available in the Applications Menu, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see *"Adding App Shortcuts from the Apps Screen"* on page 22.

GPS Applications

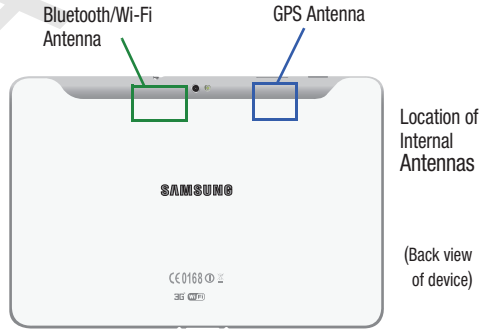
GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

Important!: If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.



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Browser

Your device includes a full HTML Browser, to access the internet. For more information, refer to *"Browser"* on page 50.

Tip: A shortcut to Browser appears on the Main Home screen by default.

- From a Home screen, touch **Browser**.

  – or –

  From a Home screen, touch **Apps** ➔ **Browser**.

Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. From the Home screen, touch **Apps** ➔ **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **+** (add), **-** (subtract), **×** (multiply), or **÷** (divide) key.
4. Enter the next number.
5. To view the result, touch the **=** (equals) key.
6. Repeat steps 3 through 5 as many times as required.
7. Touch **CLR** to clear the result.
8. For more advanced problems, use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.
9. Touch and hold the Calculator's display to copy the contents of the display.

   Text copied displays. Paste the copied value in another app.

The Calculator functions similarly in landscape or portrait mode.

Calendar

Record events and appointments to manage your schedule.

The first time you open the Calendar application on your tablet, it displays any existing calendar events from your Google Account on the web.

Tip: A shortcut to Calendar appears on a Home screen by default.

1. From a Home screen, touch **Calendar**.

   – or –

   From a Home screen, touch **Apps** ➔ **Calendar**.
2. Touch a tab to choose a calendar view:
   - **Day**: Display today's schedule and scroll to other days.

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- **Week**: Display the current week and scroll to other weeks.
- **Month**: Display the current month and scroll to other months.

3. Swipe left or right across the screen to view other days or other weeks. Swipe up or down the screen to view other months.
4. Touch **Home** to return to the current date.
5. Touch **Search** to return to the current date.
6. Touch **Menu** for these options:
   - **Refresh**: Refresh your calendar by synchronizing with your online accounts.
   - **Settings**: Customize the calendar.

Creating a Calendar Event

To create a calendar event:

1. From a Home screen, touch **Calendar**.

   – or –

   From a Home screen, touch **Apps** ➔ **Calendar**.
2. Touch and hold the date for which you want to enter an event.

   – or –

   Touch the date for which you want to enter an event, then touch .
3. Enter the event information in the Calendar event screen, then touch **Done**.

Managing Calendar Events

You can view and add events in Google Calendar on your mobile device, but, to delete existing events, you must access Google Calendar on a computer.

To delete a non-Google event:

1. From a Home screen, touch **Calendar**.
2. Touch an event. A pop-up displays event information.
3. Touch **Delete** and then touch **OK**.

   – or –

   Touch **Details**, review the event's details, and then touch **Delete**.

   – or –

   Touch **Edit**, update the event details, and then touch **Done**.

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Customizing the Calendar

To add additional accounts and set up Calendar preferences:

1. From a Home screen, touch **Calendar**.
2. Touch **Menu** ➔ **Settings**.
3. Touch **Add account** to display the Add account option. Touch an account type and enter your account information.
4. Touch **General Preferences** to set the following options:
   - **Calendar view setting**:
     - **Hide declined events**: Enable or disable display of events.
     - **Show week number**: Show the week number to the left of each week in the Month view and the inset calendar in the Day and Week views.
     - **Week starts on**: Choose a day to begin each week.
     - **Use home time zone**: Causes calendars and event times and dates to display based on your selected time zone, which is defined by the following field.
     - **Home time zone**: If **Use home time zone** is enabled, use this option to select a time zone to lock event times and dates.
     - **Clear search history**: Remove all searches you have performed.
   - **Reminder settings**:
     - **Notification**: Touch to select, which allows you to set the Select ringtone and Pop-up notification options.
     - **Select ringtone**: Choose a tone for calendar notifications.
     - **Pop-up notification**: Set a pop-up notification as a calendar event notification.
     - **Default reminder time**: Set the default time for a notification before an event is to occur.
5. Touch **About calendar** for additional Calendar information.

Camera

Take photos and record video with your device's built in Camera. For more information, refer to *"Camera"* on page 68.

▶ From a Home screen, touch **Apps** ➔ **Camera**.

Clock

Set alarms for reminders or for wake-up times.

Adding Alarms

1. From a Home screen, touch **Apps** ➔ **Clock**.
2. Touch **Set alarm** or **Alarm set**, if an alarm is already set.
3. Touch **Add alarm**.
4. Touch fields to configure the alarm:
   - **Set time**: Set a time for the alarm to sound and touch **Set**.
   - **Repeat**: Choose days for the alarm to repeat and touch **OK**.
   - **Ring tone**: Choose a tone for alarms and touch **OK**.
   - **Vibrate**: Enable or disable vibration for alarms.
   - **Label**: Enter a name for the alarm and touch **OK**.

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5. Touch **Done** to save the alarm and touch **Done** again to display the main Clock screen.

Setting Alarms

1. From a Home screen, touch **Apps** ➔ **Clock**.
2. Touch **Set alarm** or **Alarm set**, if an alarm is already set.
3. Touch an alarm entry on the Alarms pop-up.
4. Touch **Turn alarm on** to activate the alarm.
5. Touch any fields to reconfigure the alarm.
6. Touch **Done** to save the alarm and touch **Done** again to display the main Clock screen.

Deleting Alarms

1. From a Home screen, touch **Apps** ➔ **Clock**.
2. Touch **Set alarm** or **Alarm set**, if an alarm is already set.
3. Touch an alarm entry on the Alarms pop-up.
4. Touch **Delete** on the Set alarm pop-up.
5. Touch **OK** to delete the alarm.
6. Touch **Done** to display the main Clock screen.

Alarm Settings

To set the alarm volume

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound** ➔ **Volume**.
2. Touch and drag the slider to set Alarm volume.

Contacts

Store contact information for your friends, family and colleagues, to quickly access information or to send a message. For more information, refer to *"Contacts"* on page 32.

Tip: A shortcut to Contacts appears on a Home screen by default.

- From a Home screen, touch **Contacts**.

– or –

- From a Home screen, touch **Apps** ➔ **Contacts**.

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Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. From a Home screen, touch **Apps** ➔ **Downloads**.
2. Touch an item to reopen it.
3. Touch headings for earlier downloads to view them.
4. Check items you want to delete; then touch **Delete**.

   The item is deleted from your tablet.
5. Touch **Menu** and touch **Sort by size** or **Sort by time** to switch back and forth.

Email

Send and receive email using popular email services. For more information, refer to *"Email"* on page 41.

- From a Home screen, touch **Apps** ➔ **Email**.

Gallery

Use Gallery to view, capture, and manage photos and videos. For more information, refer to *"Gallery"* on page 73.

Tip: A shortcut to Gallery appears on the Main Home screen by default.

- From a Home screen, touch **Gallery**.

  – or –
- From a Home screen, touch **Apps** ➔ **Gallery**.

Gmail

Send and receive emails with Gmail, Google's web-based email. For more information, refer to *"Gmail"* on page 39.

Tip: A shortcut to Gmail appears on the Main Home screen by default.

- From a Home screen, touch **Gmail**.

  – or –

  From a Home screen, touch **Apps** ➔ **Gmail**.

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Latitude

Use Google Latitude to locate your friends on a map and share or hide your location. For more information, refer to *"Latitude"* on page 57.

- From a Home screen, touch **Apps** ➔ **Latitude**.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. For more information, refer to *"Maps"* on page 55.

Tip: A shortcut to Google Maps appears on a Home screen by default.

- From a Home screen, touch **Maps**.

  – or –

  From a Home screen, touch touch **Apps** ➔ **Maps**.

Note: You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to *"Location and Security"* on page 100.

Market

Browse for new Android applications, games, or downloads for your device. You must have a Google account set up on your device to download a new application.

Tip: A shortcut to Market appears on a Home screen by default.

1. From a Home screen, touch **Market**.

   – or –

   From a Home screen, touch **Apps** ➔ **Market**.
2. The first time you open Market, read the Terms of Service, then touch **Accept** to continue.
3. Browse for items to install:
   - **Apps**: New applications.
   - **Games**: New games.
   - **Downloads**: New downloads and updates to applications installed on your device.
4. While browsing, press **Menu** for the following options:
   - **Accounts**: Touch the account you want to use.
   - **Clear search history**: Clear the history of previous searches.
   - **Purchase history**: Display a list of the apps you have purchased including free apps.

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- **Content filter**: Set which apps are displayed and can be downloaded to this device. The choices are apps rated for: Everyone, Low maturity, Medium maturity, High maturity, and Show all apps. Touch **OK** when you have made your choices.
- **Help**: Get help for using Android Market.
- **Contact us**: Contact the Market Help center.

5. Touch **My apps** in the Application Bar to display information about apps you have on your device. Touch an app and then touch:
   - **Open**: Launch the application.
   - **Update**: Check for updates for the app.
   - **Allow automatic updating**: Allow this app to be updated automatically.
   - **Uninstall updates**: Uninstall previously installed updates.
   - **Uninstall**: Uninstall the app and remove it from your device. You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

Warning!: Uninstall updates and **Uninstall** do not ask for a confirmation.

Movie Studio

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on.

For more information, refer to *"Movie Studio"* on page 77.

▶ From a Home screen, touch **Apps** → **Movie Studio**.

Music

Play music and other audio files that you copy from your computer. For more information, refer to *"Music Player"* on page 62.

Tip: A shortcut to Music Player appears on a Home screen by default.

▶ From a Home screen, touch **Music**.

– or –

From a Home screen, touch **Apps** → **Music**.

Music Hub

The Music Hub lets you purchase and download songs and albums.

For more information, refer to *"Music Hub"* on page 66.

▶ From a Home screen, touch **Apps** → **Music Hub**.

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Navigation

Use Google Navigation to find a destination and get walking or driving directions. For more information, refer to *"Navigation"* on page 58.

- From a Home screen, touch **Apps** ➔ **Navigation**.

Places

Google Places uses your location to help you find nearby destinations, such as restaurants, bars, hotels, attractions, ATMs and gas stations, or you can enter a location. For more information, refer to *"Places"* on page 59.

- From a Home screen, touch **Apps** ➔ **Places**.

Pulse

Pulse News gives you news visually in bite-sized pieces. Each article is a small square filled with the headline and an associated image. Puls incorporates colorful panning story bars and fills them with content from your favorite web sites.

- From the Home screen, touch **Apps** ➔ **Pulse**.

  The Pulse main menu displays.

Quickoffice

The Quickoffice application allows you to create and save Microsoft Word, Excel, and Powerpoint documents. You can also view existing PDFs.

To access the Quickoffice:

1. From the Home screen, touch **Apps** ➔ **Quickoffice**.
2. Touch the **Name** field, then use the key pad to enter your name.
3. Touch the **E-mail Address** field, then use the keypad to enter your E-mail address.
4. Touch **Register Now**.

   The Quickoffice screen is displayed.
5. Touch **Local Files** to display the folders and files on your device.
6. Touch **Recent Documents** to view the documents you have recently updated.

Tip: Touch **Register Later**, if you are not ready to register at this time.

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7. Touch **New Document** to create a new document. The following document types are available: Word, Word 97-2003, Excel Workbook, Excel 97-2003 Workbook, PowerPoint Presentation, and PowerPoint 97-2003 Presentation.
8. Select an option and follow the on-screen instructions.
9. Touch **Menu** for additional options.

Samsung Apps

Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your phone such as games, news, reference, social networking, navigation, and more.

- From a Home screen, touch **Apps** ➔ **Samsung Apps**.

Search

Search the internet, and your device, using the Google™ search engine. For more information, refer to *"Google Search"* on page 59.

Tip: The Google Search widget appears by default on a Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to a Home screen"* on page 19.

- From a Home screen, touch **Apps** ➔ **Search**.

Settings

Configure your device to your preferences. For more information, refer to *"Settings"* on page 94.

- From a Home screen, touch **Apps** ➔ **Settings**.

Talk

Use Google Talk to chat with other Google Talk users. For more information, refer to *"Google Talk"* on page 46.

Tip: A shortcut to Talk appears on a Home screen by default.

- From a Home screen, touch **Talk**.

  – or –

  From a Home screen, touch **Apps** ➔ **Talk**.

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Voice Search

Perform Google searches by speaking your search terms. For more information, refer to *"Voice Search"* on page 60.

- From a Home screen, touch **Apps** ➔ **Voice Search**.

Tip: Voice Search is available on the Google Search bar widget, which appears on a Home screen by default.

YouTube

View and upload YouTube videos, right from your device. For more information, refer to *"YouTube"* on page 60.

Tip: A shortcut to YouTube appears on the Main Home screen by default.

- From a Home screen, touch **YouTube**.

  – or –

  From a Home screen, touch **Apps** ➔ **YouTube**.

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Section 11: Settings

This section explains Settings for customizing your device.

Accessing Settings

- From a Home screen, touch **Apps** ➔ **Settings**.

  – or –

  From any screen, touch the Time in the System bar, touch anywhere in the Status Details, and then touch **Settings**. For more information, refer to *"Quick Settings"* on page 16.

Wireless and Networks

Control your device's wireless connections.

Flight Mode

Flight mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important!: When your tablet is in Flight Mode, it cannot access online information or applications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch the **Flight mode** check box to enable Flight mode. A check mark displayed next to the feature indicates Flight mode is active.

   – or –

   Set Flight mode using the Quick Settings menu. For more information, refer to *"Quick Settings"* on page 16.

Wi-Fi Settings

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device's Wi-Fi connections.

For more information about using your device's Wi-Fi features, see *"Wi-Fi"* on page 79.

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Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Wi-Fi** to turn Wi-Fi On or Off. When on, a check appears in the checkbox.

Network Notification

Have your device alert you to new Wireless Access Points (WAPs).

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Wi-Fi settings**, then touch **Network notification** to turn notifications On or Off. When on, a check appears in the checkbox.

Wi-Fi Disconnect Policy

Specify when to switch from Wi-Fi to mobile data.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Wi-Fi settings**, then touch **Wi-Fi disconnect policy**.
3. Touch **When screen turns off**, **Never when plugged in**, or **Never**.

Advanced Settings

Set up and manage wireless access points.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks** ➔ **Wi-Fi settings**.
2. Touch **Menu** for these settings:
   - **Scan**: The tablet scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. If the tablet finds a network that you connected to previously, it connects to it.
   - **Advanced**:
     - **MAC address**: View your device's MAC address, required when connecting to some secured networks (not configurable).
     - **IP address**: View your device's IP address.

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Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Wi-Fi settings**, then touch **Add Wi-Fi network**.
3. Use the keyboard to enter **Network SSID**.
4. Touch the **Security** field and then touch a security type.
5. Use the keyboard to enter the **Password**.
6. Touch **Save**.

Bluetooth Settings

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.

Turning Bluetooth On or Off

Turn your device's Bluetooth service On or Off. For more information about using Bluetooth to exchange information with other Bluetooth devices, see see *"Bluetooth"* on page 80.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Bluetooth** to turn Bluetooth On or Off. When On, a check appears in the checkbox.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks** ➔ **Bluetooth settings**.
2. Touch a setting to configure Bluetooth:
   - **Device Name**: Your device's default name appears on screen. Touch to change the device name. Available when Bluetooth is turned On.
   - **Discoverable**: Control your device's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On.
   - **Show received files**: Show the list of files received by using Bluetooth.
   - **Find nearby devices**: Touch to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to *"Pairing with a Bluetooth Device"* on page 81.

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VPN settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wireless & networks** ➔ **VPN settings**.
2. Tap **Add VPN**.
3. To establish a PPTP (Point-to-Point Tunneling Protocol):
   - Tap **Add PPTP VPN**.
   - Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
   - Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
   - Tap **Enable Encryption** to make a checkmark (if desired).
   - Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.
4. To establish a L2TP (Layer 2 Tunneling Protocol):
   - Tap **Add L2TP VPN**.
   - Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
   - Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
   - Tap **Enable L2TP secret** to make a checkmark (if desired).
   - Tap **Set L2TP security** and enter a password (if desired), then tap **OK**.
   - Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.
5. To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):
   - Tap **Add L2TP/IPSec PSK VPN**.
   - Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
   - Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
   - Tap **Set IPsec pre-shared key**, enter a key and tap **OK**.
   - Tap **Enable L2TP secret** to make a checkmark (if desired).
   - Tap **Set L2TP security** and enter a password (if desired), then tap **OK**.
   - Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

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6. To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):
   - Tap **Add L2TP/IPSec CRT VPN**.
   - Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
   - Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
   - Tap **Enable L2TP secret** to make a checkmark (if desired).
   - Tap **Set L2TP security** and enter a password (if desired), then tap **OK**.
   - Tap **Set user certificate**, then tap **OK**.
   - Tap **Set CA certificate**, then tap **OK**.
   - Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

Sound Settings

Vibrate Mode

When enabled, your device vibrates to alert you to new notifications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Vibrate** to for these settings:
   - **Always**: The device vibrates for all notifications, regardless of other sound settings.
   - **Never**: No vibration is used for notifications.
   - **Only in Silent mode**: The device vibrates for notifications when in Silent mode.
   - **Only when not in Silent mode**: The device vibrates for notifications when not in Silent Mode.

Volume

Set the volume level for all types of sounds.

Note: You can only set volume when Silent Mode is disabled.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound** ➔ **Volume**.
2. Touch and drag the sliders to set:
   - System volume: Application sounds and other sounds made by your device.
   - Notification volume: Sounds for alerts to new messages and other events.
   - Alarm volume: Notifications for alarms set in Clock.

Tip: You can also set System volume from the Home screen by pressing the Volume Key.

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3. Touch **OK** to save your setting.

Notification Ringtone

Select a default ringtone for message, alarm, and other notifications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound** ➔ **Notification ringtone**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

Audible Selection

When enabled, tones play when you touch screen items.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Audible selection** to enable or disable tones. When enabled, a check mark appears in the check box.

Screen Lock Sounds

When enabled, tones play when unlocking and locking the screen.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Screen lock sounds** to enable or disable tones. When enabled, a check mark appears in the check box.

Haptic Feedback

When enabled, the device vibrates to indicate screen touches and other interactions.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Haptic feedback** to enable or disable vibration. When enabled, a check mark appears in the check box.

Screen Settings

Brightness

Set the default screen brightness.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Screen** ➔ **Brightness**.
2. Touch and drag the slider to set the brightness or touch **Automatic brightness**.
3. Touch **OK** to save the setting.

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Auto-Rotate Screen

When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Screen**.
2. Touch **Auto-rotate screen** to enable or disable the auto-rotate feature.

Animation

Set the level of animations for transitions between screens.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Screen** ➔ **Animation**.
2. Touch **No animation**, **Some animations**, or **All animations**.

Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Screen** ➔ **Timeout**.
2. Touch a setting to select it.

Auto Adjust Screen Power

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Screen**.
2. Touch **Auto adjust screen power** to enable or disable the mode. When enabled, a check appears in the check box.

Location and Security

You valuee your privacy. So, by default, your device only acquires your location when you dial 911. To use Location-Based Services, you must first enable location services on your device.

My Location

Use Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Tap **Use wireless networks** to enable location information using the wireless network.

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Use GPS Satellites

1. From a Home screen, touch Apps ➔ Settings ➔ **Location & security**.
2. Tap **Use GPS satellites** to enable the GPS satellite.

Lock Screen

Configure Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Securing Your Device"* on page 7.

1. From a Home screen, touch Apps ➔ Settings ➔ **Location & security**.
2. Touch **Configure lock screen** for these settings:
   - **Off**: Touch to never lock the screen.
   - **Unsecure**: Touch to disable all screen lock settings.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Touch to select a PIN to use for unlocking the screen.
   - **Password**: Touch to create a password for unlocking the screen.

Owner Information

Use this option to enable or disable whether to show owner information on the lock screen.

1. From a Home screen, touch Apps ➔ Settings ➔ **Location & security**.
2. Touch **Owner information** and then touch **Show owner info on lock screen** to enable or disable the option.
3. Touch text field and use the keyboard to enter the text to display on the lock screen.

Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on.

1. From a Home screen, touch Apps ➔ Settings ➔ **Location & security**.
2. Touch **Encrypt tablet**. For more information, read the displayed help screen.

Tip: Make sure your battery is full charged. Encryption takes an hour or more.

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Passwords

Visible Passwords

When enabled, password characters display briefly as you touch them while entering passwords.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Visible passwords** to enable or disable brief displays of password characters. When enabled, a check mark appears in the check box.

Device Administration

Add or remove device administrators.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Device administrators**.

Credential Storage

Use Secure Credentials

This feature is not available for your device.

Install from USB Storage

Install encrypted certificates from a storage device, such as a PC, with the USB cable.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Install from USB storage**, then choose a certificate and follow the prompts to install.

Set Password

Set or change a password to protect credentials.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Set password**, then follow the prompts.

Clear Credentials

Clear stored credentials and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location & security**.
2. Touch **Clear credentials** to clear stored credentials and reset the password.

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Applications

You can download and install applications from Android Market or create applications using the Android SDK and install them on your device. Use Applications settings to manage applications.

Warning!: Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Manage Applications

Manage and remove applications from your device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

For more information, refer to *"Uninstalling an App"* on page 81.

Running Services

View and control services running on your device.

Warning!: Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Running services**.
2. To stop a service, touch the service, then touch **Stop** at the confirmation prompt.

Memory Usage

See how memory is being used by Downloaded, All, or Active applications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Memory usage**.
2. Touch Downloaded, All, or Active to display memory usage for that category of applications.

Battery Use

See how the battery is being used by device activities.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications**.
2. Touch **Battery use** to view how the display, the Android system, and Wi-Fi are affecting battery use.
3. Touch and hold on **Display**, **Android System**, or **Wi-Fi** to view details.

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Unknown Sources

Enable or disable installation of non-Market applications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications**.
2. Touch **Unknown sources** and touch OK to allow installation of non-Market applications.

Warning!: Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

Development

Set options for application development.

USB Debugging

When enabled, allows debugging when the device is attached to a PC by a USB cable.

Note: This setting is used for development purposes.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

Stay Awake

When enabled, the screen does not go to sleep (lock) while connected to a PC with a USB cable. This can be useful when using some applications because the device disconnects a Wi-Fi connection when the screen locks.

Note: This setting is used for development purposes.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **Stay awake** to enable or disable the setting. When enabled, a check mark appears in the check box.

Allow Mock Locations

This setting is used by developers when developing location-based applications.

Note: This setting is used for development purposes.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the box.

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Samsung Apps

Using the Samsung Apps option the device notifies you when you are using Wi-Fi or Packet data for Samsung applications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Applications** ➔ **Samsung Apps**.
2. Touch **On** to enable the setting.
3. Touch **Reset locale** to delete Samsung Apps' locale data.

Accounts and Sync

Set up and manage accounts, including your Google and Backup Assistant accounts.

General Sync Settings

Background Data

When enabled, all accounts can sync, send, and receive data at any time, in the background.

Important!: Disabling background data can extend battery life and lower data use. Some applications may still use the background data connection, even if this setting is disabled.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Background data** to enable or disable the setting. When enabled, a check mark appears in the check box.

Auto-Sync

When enabled, all accounts sync data at any time, automatically.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Auto-sync** to enable or disable the setting. When enabled, a check mark appears in the check box.

Manage Accounts

Use Manage accounts to set up and configure your accounts.

Note: Available settings depend on the type of account. Not all settings are available for all accounts.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Under **Manage accounts**, touch the account to modify its settings.

   For more information about accounts, see *"Setting Up Your Accounts"* on page 32.

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Adding an Account

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Add account.**
3. Touch **Corporate**, **Email**, **Google**, or **Samsung account**.
4. Use the keyboard and follow the prompts to enter your credentials and set up the account.

Tip: For more information about adding accounts, see *"Setting Up Your Accounts"* on page 32.

Removing an Account

Important!: Removing an account also deletes all of its messages, contacts and other data from the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch an account to display its settings.
3. Touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Account Settings

To view the account settings for an account:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch an account to display its settings.
3. Touch Account settings.

For more information, refer to *"Gmail Account Settings"* on page 40.

Privacy

Manage your device's use of personal information.

Backup and Restore

Back Up My Data

Enable or disable backup of your information to the Google server.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Privacy**.
2. Touch **Back up my data** to enable or disable back up of application data, WI-Fi passwords, and other settings to the Google server.

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Backup Account

If you have enabled the **Back up my data** option, then the **Backup account** option is available.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Privacy**.
2. Touch **Backup account** and touch **Add account** to set you Google Gmail account to be backed up to the Google server.

Automatic Restore

When enabled, backed-up settings are restored when you reinstall an application.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Privacy**.
2. Touch **Automatic restore** to enable or disable automatic restoration of settings from the Google server.

Personal Data

Factory Data Reset

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Privacy**.
2. Touch **Factory data reset**, then follow the prompts to perform the reset.

Storage

Use this option to view device memory usage.

▶ From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.

Total device memory, memory used for media, memory used for applications, and available memory are displayed.

Language and Input

Select Language

Set the language used by your device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **Select language**.
2. Touch a language/locale from the list.

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User Dictionary

User dictionary is a list of the words you have added to the dictionary.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **User dictionary**.
2. Touch a word to edit it.
3. Touch the red X next to a word to delete it.
4. Touch the **Plus** button at the top-right of the Application bar to add a word.

Voice Input and Output

Use Voice input and output settings to customize your device's voice recognition feature and audible readout of text, for example, the contents of email messages.

Voice Recognition Settings

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **Voice recognition settings** to configure:
   - **Language**: Choose a language for your voice input.
   - **SafeSearch**: Set the sensitivity for filtering of explicit images from the results of your voice-input Google searches.
   - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.

Text-to-Speech Settings

Voice output provides audible readout of text, for example, the contents of email messages.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔**Language & input** ➔ **Text-to-speech settings** to configure:
   - **Language & input**:
     - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
     - **Always use my settings**: When enabled, settings you make override the application's default settings.
   - **Default Settings**: Configure settings to your preferences. When Always use my settings is enabled, these settings override the application's default settings.
     - **Default engine**: Choose the default text-to-speech engine application.
     - **Install voice data:** Download and install the speech synthesis data needed to activate Text-to-speech from Android Market (free).
     - **Speech rate**: Set the speed at which the text is spoken.
     - **Language**: Set the language voice for spoken text.
   - **Engines**: Configure settings for installed voice recognition engine(s).
     - **Pico TTS**: Install text-to-speech engine applications.

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Keyboard Settings

Configure text entry options to your preferences.

Current Input Method

Choose the default text entry method.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **Current input method**.
2. Touch **English (UK) Keyboard**, **English Voice**, or **Samsung keypad** to set the default method.

Input Method Selector

Set whether you want the Input Selector button to appear in the System bar to the left of the time.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **Input method selector**.
2. Touch **Automatic**, **Always show**, or **Always hide** to enable or disable the setting you want.

Samsung Keypad

Configure Samsung keypad settings. For more information about entering text with the Samsung keypad, see *"Using the Samsung Keypad"* on page 28.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language & input** ➔ **Configure input methods**.
2. Under **Samsung keypad** touch **Settings** to display the following options.
   - **Input language** : Used to set a default text entry language. Touch this field, scroll through the options, and touch the desired input language. When activated, a check appears in the box.
   - **XT9**: Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically.
   - **XT9 advanced settings**: When XT9 is enabled, touch this field to set the following options:
     - **Word completion**: Enable or disable automatic word completion for words matching your text entries.
     - **Word completion point**: Choose the number of letters for the system to use to predict words for automatic completion.
     - **Spell correction**: Enable or disable automatic spell checking and correction.
     - **Next word prediction**: When enabled, the system predicts the next word based on common usage patterns.

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- **Auto-append**: When enabled, the most common predicted word is automatically added to your text.
- **Auto-substitution**: When enabled, the system automatically replaces words you enter with words from the XT9 auto-substitution list.
- **Regional correction**: When enabled, the system automatically changes the spelling of words based on norms for your locale.
- **Recapture**: When enabled, the system re-displays matching words when you make corrections to a word inserted by the system.
- **XT9 my words**: Add words to your XT9 predictive text dictionary.
- **XT9 auto-substitution**: Manage the list of words the system uses for auto-substitution (Auto-substitution setting must be enabled).

- **Automatic full stop**: Enable or disable automatic insertion of a "full stop" (period and space to end a sentence) by tapping the space bar twice.
- **Auto-capitalization**: Enable or disable auto-capitalization. When enabled, the system automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Voice input**: Enable or disable the Voice input feature. When enabled, you can choose to enter text by speaking the words, using Google's networked speech recognition feature.
- **Sound on keypass**: Check to play a brief sound each time you touch an on-screen keyboard key.
- **Tutorial**: Displays help for using Samsung keypad and XT9 predictive text.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Android Market and manage their use here.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accessibility**.
2. Touch **Accessibility** to activate or deactivate accessibility services. When activated, a check appears in the box.

Accessibility Applications

Enable or disable accessibility services.

Note: You must activate **Accessibility** before enabling services.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accessibility**.
2. Touch **Talkback** to install Talkback.

Note: TalkBack, when installed and enabled, is a speech synthesizer that speaks the labels or names of items as you navigate the tablet's user interface.

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3. Touch a service to enable or disable the service. When enabled, a check mark appears in the check box.

Accessibility Scripts

Use this option to allow or disallow applications to download accessibility scripts from Google.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accessibility**.
2. Touch Download accessibility scripts to enable or disable the option.

Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Date & time**.
2. Touch a setting to configure:
   - **Set date**: Enter the current date (only available when the Automatic setting is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: Set the format for time displays.
   - **Select date format**: Set the format for date displays.

About Tablet

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **About tablet**.
2. Touch items to view details:
   - **Software update**: Connect to the network and download new software. For more information, refer to *"Software Update"* on page 112.
   - **Status**: View Battery status, Battery level, Serial number, Wi-Fi MAC address, Bluetooth address, and Up time.
   - **Battery use**: View how the display, the Android system, and Wi-Fi are affecting battery use. Touch and hold on **Display**, **Android System**, or **Wi-Fi** to view details.
   - **Legal notices**: Display **Open source licenses** and **Google legal** information.
   - **Model number**: Display your device's model number.
   - **Android version**: Display the firmware version of your device.
   - **Kernel version**: Display the kernel version of your device.
   - **Build number**: Display your device's build number.

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Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software when you access this option.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **About tablet**.➔ **Software update**.
2. Touch **Check for update**.

   The **Choose Country** list of countries displays.
3. Touch a country in the list and touch **OK**.
4. If the **Sign up for Samsung account** screen displays:
   - If you do not have a Samsung account, touch **Sign up**, read the Terms and conditions statement, touch **Accept**, use the keyboard to enter the required information, and touch **Sign up**.

   – or –

   - If you do have a Samsung account, enter an Email address and a Password to sign in.
5. At the Software update prompt, touch **Cancel** to stop.
6. The device automatically updates the software, if available. Otherwise, when the **No update available** prompt displays, touch **OK**.

When updating software, once the delta file for FOTA update is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time:

▶ Touch **Resume update**.

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This section outlines the safety precautions associated with using your Galaxy Tab. The terms “GALAXY” or “mobile device” are used in this section to refer to your Galaxy Tab. **Read this information before using your GALAXY.**

Exposure to Radio Frequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great

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enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

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International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to Radio Frequency (RF) energy from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;

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- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

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Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/.
- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

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The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model of a device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC RF exposure guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model device as reported to the FCC are:

2.4 GHz - Body: 0.97 W/kg
5.2 GHz - Body: 0.72 W/kg
5.3 GHz - Body: 0.78 W/kg
5.5 GHz - Body: 0.79 W/kg
5.8 GHz - Body: 0.75 W/kg

SAR information on this and other model devices can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to this particular model GALAXY, this site uses the FCC ID number A3LGTP7510. This number can be confirmed by looking on the rear case of your GALAXY.

Follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

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Smart Practices While Driving

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired.** Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as Web browsing or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- **Do not let the GALAXY or battery come in contact with liquids.** Liquids can get into the GALAXY's circuits, leading to corrosion. Even when the GALAXY appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the GALAXY and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.

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- **Do not place your battery in or near a heat source.** Excessive heating can damage the GALAXY or the battery and could cause the GALAXY or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high temperatures.
- **Do not dispose of the GALAXY or the battery in a fire.** The GALAXY or the battery may explode when overheated.
- **Avoid dropping the GALAXY.** Dropping the GALAXY, especially on a hard surface, can potentially cause damage to the GALAXY. If you suspect damage to the GALAXY or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way.**

Important!: Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible batteries and chargers.** Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.**

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories, and other unwanted electronics, in accordance with local regulations and through an approved recycler.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: http://mobile.samsungusa.com/recycling/index.jsp or call 1-800-822-8837 for more information.

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To find the nearest recycling location, go to:
www.samsung.com/recyclingdirect or call 1-877-278-0799.

Warning!: Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, refer to *"Standard Limited Warranty"* on page 128.

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GPS

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Navigation

Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, **you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs**.

Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

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Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also

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been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org/Pages/default.aspx

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National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

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- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider. For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

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FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.

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Section 13: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG ELECTRONICS AMERICA, INC. (“SAMSUNG”) warrants to the first consumer purchaser (“Purchaser”) that SAMSUNG's Tablets and accessories (“Products”) are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Tablet	1 Year
Batteries (Including Internal Batteries)	1 Year
Case	90 Days
Other Tablet Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.

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What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, without charge to Purchaser, or at SAMSUNG'S sole option, refund the purchase price. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address. To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

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What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

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For any arbitration in which the Purchaser's total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if the Purchaser prevails, award the Purchaser's reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought by the Purchaser in bad faith. In a Small Claim case, the Purchaser shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which the Purchaser's total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG'S employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

Purchaser may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of Purchaser's original purchase of the Product. To opt out, Purchaser must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." Purchaser must include in the opt out e-mail (a) Purchaser's name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if Purchaser has it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, Purchaser may opt out by calling 1-888-987-4357 and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and Purchaser will continue to enjoy the benefits of the Limited Warranty.

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Severability.

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

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